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№ 243

RESEARCH AID

# ECONOMIC INTELLIGENCE STATISTICAL HANDBOOK 1960

CIA/RR A.ERA 60-4

June 1960

CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

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# FOREWORD

1. *Objectives and Scope*

The *Economic Intelligence Statistical Handbook, 1960* is a tabular and graphical presentation of economic factors helpful in comparing and analyzing the economies of the countries of the Sino-Soviet Bloc* with the economies of the countries of the North Atlantic Treaty Organization (NATO).**

The *Handbook* for 1960 consists of data on inventories, production, and national income for the years 1950 and 1955–59 for those commodities considered to be important as measures of economic development. Wherever possible, plan data for 1965 or estimates for 1965 are included. Certain of the more important commodities also are presented graphically both on semilogarithmic graphs and on bar charts. Summary tables covering major items compare selected economic indicators for the US and the USSR and for Communist China and India. With the exception of a few minor changes in format and the inclusion of new data, the *Handbook* for 1960 is similar to previously published editions of the *Handbook*.

Unless otherwise indicated, data for the US, for the total for NATO, for individual countries of the Sino-Soviet Bloc, and for the Bloc as a whole are presented for all years covered. Data for the individual countries of NATO and for other countries of the Free World are presented only for the latest two years available. If a table does not include all the countries of NATO and of the Bloc, the title of the table will indicate the countries covered.

2. *Sources and Reliability*

In the *Handbook* for 1960, estimates for the Sino-Soviet Bloc are as of 15 April 1960 and generally are estimates maintained by this Office. When estimates other than those of this Office are used, specific source references are given. Data for countries of NATO generally are from unclassified publications of the UN and of the Organization for European Economic Cooperation (OEEC) and from official publications of the individual countries. Data for the most recent year presented are frequently preliminary and subject to revision. Reasonable care has been exercised in selecting sources, and every effort has been made to make the data for the Bloc and NATO consistent as to subject matter.

3. *Footnotes and Symbols*

The importance of the footnotes for the tables cannot be overstressed. These footnotes are used for exceptions to data in the tables and should be noted carefully. In the tables the abbreviations *N.A.* (not available) and *Negl.* (negligible) are used. The abbreviation *N.A.* is used when information as to the existence of the data or the magnitude of the data is not available. The abbreviation *Negl.* is used when data are known to exist but, when recorded in terms of the number of digits used, are less than can be shown. *A figure followed by an asterisk indicates that the data are obtained directly from official unclassified publications or announcements.*

4. *Rounding and Totals*

There is consistency with respect to rounding within each table but not among tables. Within each table, data for the individual countries have been rounded consistently to permit maximum use of

*Including the USSR, Communist China, North Korea, North Vietnam, Albania, Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Rumania.

**Including the US, Belgium, Canada, Denmark, France, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the UK, and West Germany. The Saar has been added as a separate entity because its industrial production often is listed separately in the sources used.



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available information. Because of the limitations in accuracy of the totals for NATO, for the Sino-Soviet Bloc, and for the European Satellites, totals have been rounded, with few exceptions, to three or fewer significant digits. Additions of the unrounded data may therefore not agree with the rounded totals. In the tables, totals are in bold-face type.

No adjustment is made to compensate for gaps in intelligence. Totals are omitted, however, if the missing data are believed to represent a significant portion of the total. Totals for NATO include only those countries that are indicated by the footnotes. Totals for the Sino-Soviet Bloc and the European Satellites include only the countries listed in a given table. Excluded are the countries of the Bloc in which little or no production takes place or for which data are not available. Estimated world totals are included only when the estimates are available in the sources employed and when they do not conflict with the summation of the other data used.

5. *Political Boundaries*

Unless otherwise indicated, all data relate to present political boundaries.



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Table 1
Estimated Gross National Product[a] at Market Prices
1950, 1955–59, and 1965 Plan

Billion 1955 US $

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan | Average Annual Increase[b] (Percent) 1951–59 |
|---|---|---|---|---|---|---|---|---|
| NATO | 538* | 674* | 695* | 714* | 708* | 747* | | 3.7* |
| US | 322* | 398* | 405* | 413* | 404* | 431* | | 3.3* |
| Canada | 21.7* | 27.1* | 29.7* | 29.5* | 29.7* | 31.4* | | 4.2* |
| European NATO[c] | 194* | 249* | 260* | 271* | 274* | 285* | | 4.4* |
| Of which: | | | | | | | | |
| Belgium | 9.2* | 10.8* | 11.2* | 11.5* | 11.4* | 11.7* | | 2.7* |
| Denmark | 4.7* | 5.1* | 5.2* | 5.5* | 5.6* | 5.9* | | 2.6* |
| France | 39.3* | 48.6* | 51.1* | 54.3* | 55.5* | 56.4* | | 4.1* |
| Italy | 23.6* | 31.5* | 32.8* | 34.9* | 36.4* | 38.4* | | 5.6* |
| Netherlands | 8.6* | 11.4* | 11.9* | 12.1* | 12.3* | 13.0* | | 4.6* |
| Norway | 3.6* | 4.3* | 4.5* | 4.6* | 4.6* | 4.8* | | 3.2* |
| UK | 58.0* | 66.3* | 67.6* | 68.6* | 68.6* | 70.7* | | 2.2* |
| West Germany | 37.4* | 57.6* | 61.6* | 64.9* | 66.7* | 70.6* | | 7.3* |
| Sino-Soviet Bloc | 185 | 261 | 282 | 299 | 332 | 355 | | 7.5 |
| USSR | 109 | 151 | 165 | 174 | 190 | 201 | 285[d] | 7.0 |
| Communist China | 31.4 | 48.5 | 53.8 | 56.2 | 67.4 | 74.2 | 124.1[d] | 10.0 |
| North Korea | 0.77[e] | 0.82 | 0.96 | 1.13 | 1.3 | 1.5 | 2.8[d] | 7.7 |
| North Vietnam | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 1.3 | 1.4 | 2.1[d] | *N.A.* |
| European Satellites[f] | 43.5 | 60.7 | 61.9 | 67.5 | 71.7 | 76.8 | | 6.5 |
| Bulgaria | 2.0 | 2.9 | 3.0 | 3.3 | 3.6 | 4.1 | 10.0[g] | 8.3 |
| Czechoslovakia | 8.5 | 11.4 | 12.1 | 13.0 | 14.0 | 15.0 | 22.3[g] | 6.5 |
| East Germany | 10.9 | 15.3 | 16.0 | 16.8 | 17.9 | 19.2 | 28.5[g] | 6.5 |
| Hungary | 5.0 | 6.9 | 6.1 | 7.4 | 7.8 | 8.4 | 11.7[g] | 5.9 |
| Poland | 11.9 | 16.2 | 17.3 | 18.4 | 19.3 | 20.2 | 29.8[g] | 6.1 |
| Rumania | 5.2 | 8.0 | 7.4 | 8.6 | 9.1 | 9.9 | 17 to 18[g] | 7.4 |

[a] A measure of the physical volume of goods and services produced by the economy, expressed in terms of market value at constant prices. Data as herein presented differ from the data for Figure 1 because of methodological differences. Data in Figure 1 are based on dollar values obtained from official rates of exchange. Data as presented herein are explained in the footnotes below .

[b] The base year is the year before the stated year.

[c] The dollar values of gross national product (GNP) for the European NATO countries in 1955 are estimates of Milton Gilbert and Associates, using the geometric mean of European and US weights. The aggregate GNP for the European NATO countries in 1955 was estimated by the US Department of State using the above source and rough calculations for countries not listed. Estimates for other years were obtained by multiplying the 1955 data in dollars by indexes of GNP at constant domestic prices for the respective countries.

[d] Estimated GNP for 1965.

[e] 1949.

[f] The values for the European Satellites have been calculated in such a manner as to make them reasonably comparable with the values shown for the European NATO countries. These estimates for the Satellites therefore should not be compared with dollar values for Western countries that are obtained by applying the official rates of exchange.

[g] Based on planned percentage increase in national income (Communist concept).



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Table 2
Estimated Gross Investment in Industry in the USSR and the US
1960

Billion 1955 US $

| Country | Amount |
|---|---|
| USSR [a] | 23.2 |
| US [b] | 18.9 |

[a] Industry in the USSR covers manufacturing, mining, and electric power. Urban distribution of electric power is not included. Planned Soviet industrial investment in 1960 (excluding investment in the construction industry) is estimated to be 137 billion 1955 rubles, which is equal to US $23.2 billion at the conversion rate of 5.9 rubles to US $1.

[b] Anticipated US investments for 1960 in new plant and equipment for manufacturing, mining, and public utilities are estimated as follows (the Department of Commerce and the Securities and Exchange Commission estimate of March 1960):

| | Billion Current US $ |
|---|---|
| Manufacturing | 15.1 |
| Mining | 1.0 |
| Public utilities | 6.1 |
| Total | 22.2 |

The deflator of 117.7 used to derive the value in 1955 US $ was based on the 1959 deflators for private, nonresidential construction and for producer durables, as given in the *Economic Report to the President*, January 1960, p. 160. Based on March 1960 estimates, estimated total expenditures on new plant and equipment by US business will amount to current US $37.0 billion. These expenditures include, in addition to the above items, expenditures on railroads, other transportation, trade, services, finance, and construction. Recent criticisms reveal a strong possibility that the US investment statistics are somewhat understated.



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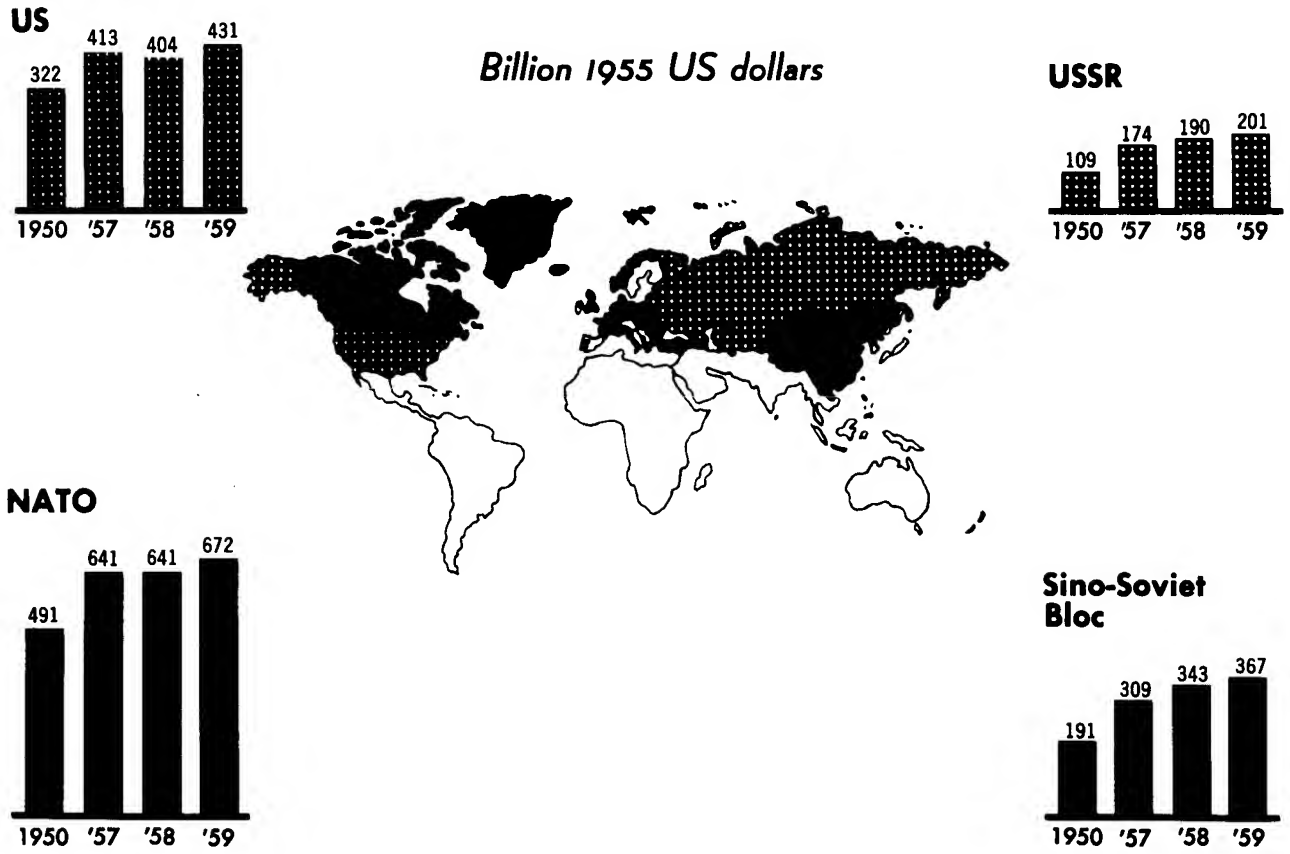
Figure 1

# COMPARISON OF GROSS NATIONAL PRODUCT AT MARKET PRICES IN SELECTED AREAS, SELECTED YEARS, 1950-59, AND 1965 PLAN



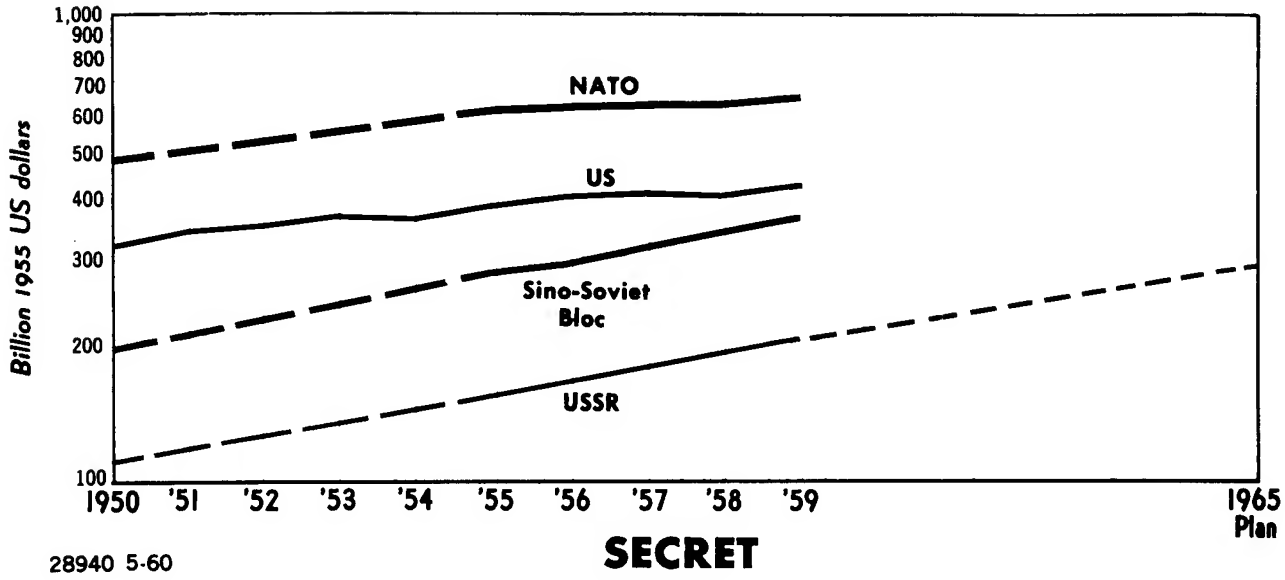




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Table 3
Indexes of Industrial Production [a] for the US, Selected Western Countries, and the Sino-Soviet Bloc
1950 and 1955–59

1950=100

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | Average Annual Increase [b] (Percent) 1951–59 |
|---|---|---|---|---|---|---|---|
| Selected Western Countries | | | | | | | |
| US [c] | 100* | 129* | 134* | 135* | 125* | 141* | 3.9* |
| France | 100* | 131* | 144* | 156* | 165* | 175* | 6.4* |
| Italy | 100* | 153* | 164* | 177* | 181* | 199* | 7.9* |
| UK | 100* | 121* | 121* | 123* | 121* | 127* | 2.7* |
| West Germany | 100* | 179* | 193* | 204* | 211* | 226* | 9.5* |
| Sino-Soviet Bloc | | | | | | | |
| USSR [d] | 100 | 166 | 183 | 197 | 211 | *N.A.* | 9.8 [e] |
| Communist China [f] | 100 | 266 | 341 | 365 | 516 | 671 | 23.6 |
| European Satellites [g] | 100 | 156 | 165 | 180 | 197 | 217 | 9.0 |
| Bulgaria | 100 | 165 | 184 | 210 | 234 | 281 | 12.2 |
| Czechoslovakia | 100 | 135 | 147 | 157 | 171 | 186 | 7.1 |
| East Germany | 100 | 172 | 181 | 193 | 212 | 235 | 10.0 |
| Hungary | 100* | 170* | 154* | 178* | 201* | 223* | 9.3* |
| Poland | 100 | 156 | 167 | 184 | 197 | 212 | 8.7 |
| Rumania | 100 | 155 | 166 | 184 | 209 | 230 | 9.7 |

[a] Indexes for the US, France, Italy, the UK, and West Germany are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The index for the UK includes construction, whereas the indexes for the other Western countries exclude construction. The indexes of the countries of the Sino-Soviet Bloc are calculations of this Office (or other calculations accepted by this Office) and are constructed as nearly as possible on the same basis as the indexes for Western countries. The indexes for the Bloc include manufacturing, mining, and public utilities.

[b] The base year is the year before the stated year.

[c] This index is the revised industrial production index of the Federal Reserve Board, which includes utilities.

[d] Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered—materials, machinery, and consumer goods—comprise 46.2 percent, 34.6 percent, and 19.2 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

[e] 1951–58.

[f] Estimates of this Office computed by applying value-added weights to figures for commodity production, except in the case of handicraft production, 1952–57, where the official gross value series in constant 1952 prices was used. The equivalent index of industrial production excluding handicraft production is as follows:

| 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|
| 100 | 301 | 398 | 450 | 630 | 819 |

[g] Indexes for Czechoslovakia and East Germany through 1957 and for Poland through 1955 are from private studies; indexes for subsequent years are estimates of this Office. Data for Hungary are official estimates of net production that are accepted by this Office. Indexes for Rumania, Bulgaria, and the European Satellites as a group are estimates of this Office. Indexes for Bulgaria and Rumania are considered less reliable than the others. Handicraft production is covered explicitly only in the index for Poland. The weighted index for the European Satellites excludes Albania.



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Table 4
Official Indexes of Industrial Production [a] for the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

1950=100

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan | Average Annual Increase [b] (Percent) 1951–59 |
|---|---|---|---|---|---|---|---|---|
| Sino-Soviet Bloc | | | | | | | | |
| USSR | 100* | 185* | 205* | 226* | 248* | 275* | | 11.9* |
| Communist China [c] | 100* | 287* | 368* | 410* | 681* [d] | 948* [d] | | 28.4* |
| North Korea | *N.A.** [e] | 144* | 183* | 264* | 370* | 566* | | 18.9* [e] |
| North Vietnam | *N.A.** [f] | 100* | 210* | 433* | 505* | 645* | | 59.4* [f] |
| European Satellites | | | | | | | | |
| Albania | 100* | 277* | 300* | 378* | 453* | 542* | | 20.7* |
| Bulgaria | 100* | 190* | 218* | 253* | 287* | 358* | 760 to 1,000* | 15.2* |
| Czechoslovakia | 100* | 170* | 186* | 205* | 228* | 253* | 418* | 10.9* |
| East Germany | 100* | 190* | 202* | 217* | 241* | 271* | 453* | 11.7* |
| Hungary | 100* | 197* | 179* | 206* | 229* | 254* | 378 to 389* | 10.9* |
| Poland | 100* | 212* | 231* | 254* | 278* | 303* | 489* | 13.1* |
| Rumania | 100* | 203* | 225* | 244* | 267* | 297* | 624* | 12.9* |

[a] Official indexes for countries of the Sino-Soviet Bloc are measures of the "gross" value of production of industry. Gross value of production is, in general, the sum of the value of output in constant prices of all industrial enterprises. The definition of industry in Communist countries includes manufacturing, mining, and public utilities. The Communist definition of industry also includes other activities (varying from country to country) that are not included in Western definitions of industry.

[b] The base year is the year before the stated year.

[c] Unless otherwise indicated, calculated from official data (in 1952 prices) on the gross value of industrial production (including handicraft production).

[d] This official index based on 1957 prices rather than on 1952 prices is believed to have been calculated by using a broader definition of industrial production than that used in the 1950–57 index.

[e] The base year for this index is 1949. The index was computed from official data on the gross value of commodity production by state, cooperative, and handicraft industry, in constant 1949 prices.

[f] The base year for this index is 1955, the first postwar year. These official index numbers are not indicative of the true rate of industrial growth, because they reflect in large measure the increases in output resulting from postwar reconstruction rather than from new industrial development. This series has been calculated from official series on the annual gross value of production and includes all handicraft production.



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Table 5
State Budget of the USSR
1957–59 and 1960 Plan

Billion Current Rubles [a]

| Category | 1957 Plan | 1957 Actual | 1958 Plan | 1958 Actual | 1959 Plan | 1959 Actual | 1960 Plan |
|---|---|---|---|---|---|---|---|
| Revenues | | | | | | | |
| Turnover tax | 277.3* | 275.6* | 301.5* | 304.5* | 333.0* | *N.A.* | 317.1* |
| Profit deductions | 116.0* | 118.4* | 130.3* | 135.4* | 154.9* | *N.A.* | 203.0* |
| Taxes on the population | 51.5* | 52.0* | 49.8* | 51.9* | 56.0* | *N.A.* | 57.2* |
| State loans | 39.2* | 35.2* | 17.6* | 10.6* | (11.0) [b] | *N.A.* | (12.0) |
| Social insurance receipts | 31.0* | 33.3* | 32.1* | 33.1* | (33.5) | *N.A.* | (34.0) |
| Machine Tractor Station revenue | 13.9* | 11.3* | 11.9* | 9.7* | 1.5* | *N.A.* | *Negl.** |
| Taxes on enterprises and organizations | 15.5* | 14.1* | 15.6* | 16.6* | 19.6* | *N.A.* | 21.3* |
| Other | 72.8* | 87.0* | 84.1* | 110.5* | 113.8* | *N.A.* | (127.5) |
| Total | 617.2* | 626.9* | 642.9* | 672.3* | 723.3* | 735.8* | 772.1* |
| Expenditures | | | | | | | |
| Financing the national economy | 244.7* | 267.0* | 257.2* | 290.3* | 308.9* | *N.A.* | 327.8* |
| Industry | 118.4* | 130.8* | 129.0* | *N.A.* | 145.3* | *N.A.* | 151.8* |
| Heavy | 103.5* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* |
| Light | 14.9* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* |
| Agriculture | 52.9* | 51.8* | 53.4* | *N.A.* | 30.3* | *N.A.* | 32.3* |
| Transport and communications | 18.0* | 22.6* | 14.4* [c] | *N.A.* | 25.0* | *N.A.* | 25.4* |
| Other | 55.4* | 61.8* | 60.4* | *N.A.* | 108.3* | *N.A.* | 118.3* |
| Social-cultural measures | 188.4* | 200.5* | 212.8* | 214.2* | 232.2* | *N.A.* | 247.4* |
| Education | 78.9* | 80.7* | 84.2* | 86.0* | 94.4* | *N.A.* | 102.0* |
| Health | 37.9* | 38.3* | 40.4* | 41.2* | 44.1* | *N.A.* | 47.5* |
| Social welfare | 71.6* | 81.5* | 88.2* | 87.0* | 93.7* | *N.A.* | 97.9* |
| Administration | 11.9* | 11.9* | 11.9* | 12.0* | 11.5* | *N.A.* | 11.1* |
| Defense | 96.7* | (97.0) | 96.3* | 93.6* | 96.1* | *N.A.* | 96.1* |
| Loan service | 18.0* | (4.0) | (3.0) | 3.7* | (3.5) | *N.A.* | (3.5) |
| Reserve funds of the Council of Ministers | 14.0* | | 16.7* | | 21.2* | | 27.6* |
| Undisclosed expenditures | 30.9* | (26.9) | (29.8) | (28.9) | (34.2) | *N.A.* | (31.3) |
| Total | 604.6* | 607.3* | 627.7* | 642.7* | 707.6* | 698.8* | 744.8* |
| Budget surplus | 12.6* | 19.6* | 15.2* | 29.6* | 15.7* | 37.0* | 27.3* |

[a] The official Soviet exchange rate is 4 rubles to US $1 for merchandise transactions and 10 rubles to US $1 for tourist and other "invisible" transactions. Although neither of these rates is appropriate to convert Soviet budgetary entries from rubles to dollars, they do suggest the general order of magnitude.
[b] Data in parentheses are estimates.
[c] Excluding auto and river transport of republic subordination.



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Table 6
State Budget of Communist China
1956–59 and 1960 Plan

Million Current Yuan

| Category | 1956 | 1957 | 1958 | 1959 | 1960 Plan |
|---|---|---|---|---|---|
| Revenues | | | | | |
| Taxes | 14,088* | 15,490* | 18,740* | 20,470* | 24,360* |
| Profits of state enterprises [a] | 13,426* | 14,420* | 22,020* | 33,360* | 45,300* |
| Credits, loans, and insurance | 724* | 700* | 790* | 0* | 0* |
| Other | 505* | 410* | 310* | 330* | 360* |
| Total | 28,743* | 31,020* | 41,860* | 54,160* | 70,020* |
| Expenditures | | | | | |
| Economic construction | 15,915* | 14,910* | 26,270* | 32,170* | 42,910* |
| Social, cultural, and educational | 4,596* | 4,640* | 4,350* | 5,860* | 8,620* |
| Defense | 6,116* | 5,510* | 5,000* | 5,800* | 5,800* |
| Administration | 2,660* | 2,270* | 2,270* | 2,900* | 3,170* |
| Loan service | 722* | 839* | 905* | 970* | 1,200* |
| Foreign aid | 404* | 454* | 275* | 350* | 500* |
| Other [b] | 161* | 1,797* | 1,890* | 4,720* | 7,820* |
| Total | 30,574* | 30,420* | 40,960* | 52,770* | 70,020* |
| Budget surplus or deficit | −1,831* | 600* | 900* | 1,390* | 0* |

[a] From 1958 on, including profits of joint state-private and cooperative enterprises, formerly paid as income taxes.

[b] Including allocations to the bank for credit funds, miscellaneous expenditures, and, in 1960, a general reserve of 1,700 million yuan.



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Table 7
Comparison of Selected Consumer Goods for the US and the USSR
Selected Years, 1950–59

| Product and Country | 1950 | 1955 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|
| | Production in Thousand Units | | | | |
| Automobiles | | | | | |
| US | 6,665.9* | 7,920.0* | 6,112.8* | 4,257.6* | 5,591.3* |
| USSR | 64.6* | 107.8* | 113.6* | 122.0* | 124.5* |
| Radio receivers | | | | | |
| US | 14,590.0* | 14,529.0* | 15,428.0* | 12,507.0* | 16,451.0* |
| USSR | 1,071.0* | 3,529.0* | 3,600.0* | 3,900.0* | 4,000.0* |
| Refrigerators | | | | | |
| US | 6,200.0* | 4,200.0* | 3,350.0* | 3,116.7* | 3,880.0* |
| USSR | 1.2* | 151.4* | 308.9* | 359.6* | 426.0* |
| Television receivers | | | | | |
| US | 7,464.0* | 7,756.0* | 6,399.0* | 4,920.0* | 6,349.0* |
| USSR | 12.0* | 495.0* | 700.0* | 1,000.0* | 1,300.0* |
| Washing machines | | | | | |
| US | 4,290.0* | 4,236.6* | 3,684.6* | 3,672.3* | 3,833.3* |
| USSR | 0.3* | 87.0* | 377.4* | 538.4* | 724.0* |
| | Unit Production Per Thousand Persons | | | | |
| Automobiles | | | | | |
| US | 43.94* | 47.91* | 35.71* | 24.45* | 31.57* |
| USSR | 0.35* | 0.55* | 0.56* | 0.59* | 0.59* |
| Radio receivers | | | | | |
| US | 96.18* | 87.89* | 90.12* | 71.84* | 92.89* |
| USSR | 5.87* | 17.91* | 17.69* | 18.85* | 19.02* |
| Refrigerators | | | | | |
| US | 40.87* | 25.41* | 19.57* | 17.90* | 21.91* |
| USSR | 0.01* | 0.77* | 1.52* | 1.74* | 2.03* |
| Television receivers | | | | | |
| US | 49.20* | 46.92* | 37.38* | 28.26* | 35.85* |
| USSR | 0.07* | 2.51* | 3.44* | 4.83* | 6.18* |
| Washing machines | | | | | |
| US | 28.28* | 25.63* | 21.52* | 21.09* | 21.64* |
| USSR | *Negl.** | 0.44* | 1.85* | 2.60* | 3.44* |



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Table 8
Comparison of Selected Economic Indicators for the US and the USSR [a]
1950, 1955–59, and 1965 Plan

| Product, Unit of Measure, and Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan | Average Annual Rate of Growth [b] (Percent) 1951–59 | 1951–65 |
|---|---|---|---|---|---|---|---|---|---|
| Gross national product (billion 1955 US $) | | | | | | | | | |
| US | 322* | 398* | 405* | 413* | 404* | 431* | | 3.3* | |
| USSR | 109 | 151 | 165 | 174 | 190 | 201 | 285 | 7.0 | 6.6 |
| Industrial production (1950=100) | | | | | | | | | |
| US | 100* | 129* | 134* | 135* | 125* | 141* | | 3.9* | |
| USSR | 100 | 166 | 183 | 197 | 211 | *N.A.* | | 9.8 [c] | |
| Population (million persons) [d] | | | | | | | | | |
| US | 151.7* | 165.3* | 168.2* | 171.2* | 174.1* | 177.1* | 195.7* | 1.7* | 1.7* |
| USSR | 182.3* | 197.0* | 200.2* | 203.5* | 206.9* | 210.3* | 231.0* | 1.6* | 1.6* |
| Electric power (billion kilowatt-hours) | | | | | | | | | |
| US | 408* | 668* | 727* | 760* | 768* | 836* | 1,160* | 8.3* | 7.2* |
| USSR | 91* | 170* | 192* | 210* | 235* | 264* | 520* | 12.6* | 12.3* |
| Primary energy (million mt/sf) [e] | | | | | | | | | |
| US | *N.A.** | 1,340* | 1,430* | 1,440* | 1,340* | 1,370* | | 0.6* [f] | |
| USSR | *N.A.* | 434 | 475 | 533 | 591 | 636 | | 10.0 [f] | |
| Crude petroleum (million metric tons) | | | | | | | | | |
| US | 270* | 340* | 359* | 358* | 335* | 352* | | 3.0* | |
| USSR | 38* | 71* | 84* | 98* | 113* | 130* | 243 | 14.6* | 13.2 |
| Crude steel (million metric tons) | | | | | | | | | |
| US | 87.8* | 106* | 105* | 102* | 77.3* | 84.8* | | −0.4* | |
| USSR | 27.3* | 45.3* | 48.6* | 51.0* | 54.9* | 59.9* | 88.5* [g] | 9.1* | 8.2* |
| Refined copper (thousand metric tons) | | | | | | | | | |
| US | 1,276* | 1,436* | 1,546* | 1,534* | 1,450* | 1,223* | | −0.5* | |
| USSR | 247 | 377 | 387 | 396 | 406 | 416 | 772 | 6.0 | 7.9 |
| Grain (million metric tons) | | | | | | | | | |
| US | 134.8* | 141.3* | 142.8* | 143.8* | 170.2* | 168.8* | | 2.5* | |
| USSR | 81.2 | 106.8 | 115.0 | 105.0 | 130.0 | 100.0 | 172.0* [g] | 2.3 | 5.1* |



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Table 8 (*Continued*)

| Product, Unit of Measure, and Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan | Average Annual Rate of Growth [b] (Percent) 1951–59 | 1951–65 |
|---|---|---|---|---|---|---|---|---|---|
| Meat | | | | | | | | | |
| (million metric tons) | | | | | | | | | |
| US | 10.0* | 12.2* | 12.7* | 12.2* | 11.7* | 11.1* | | 1.2* | |
| USSR | 3.3 | 4.3 | 4.5 | 5.0 | 5.2 | 5.8 | 11.0 | 6.5 | 8.4 |
| Wool | | | | | | | | | |
| (thousand metric tons) | | | | | | | | | |
| US | 112.4* | 138.2* | 139.4* | 132.7* | 132.7* | 140.6* | | 2.8* | |
| USSR | 180.0* | 256.0* | 261.0* | 289.0* | 322.0* | 350.0* | 548.0* | 7.7* | 7.7* |
| Sulfuric acid | | | | | | | | | |
| (million metric tons) | | | | | | | | | |
| US | 11.8* | 14.3* | 14.4* | 14.7* | 14.4* | 15.9* | | 3.4* | |
| USSR | 2.12* | 3.80* | 4.32* | 4.57* | 4.80* | 5.10* | 11.0* | 10.2* | 11.6* |
| Radio and TV receivers | | | | | | | | | |
| (million units) | | | | | | | | | |
| US | 22.05* | 22.28* | 21.37* | 21.83* | 17.43* | 22.80* | | 0.4* | |
| USSR | 1.08* | 4.02* | 4.27* | 4.30* | 4.90* | 5.30* | 9.30* | 19.3* | 15.4* |
| Motor vehicles | | | | | | | | | |
| (thousand units) | | | | | | | | | |
| US | 8,003* | 9,169* | 6,921* | 7,220* | 5,135* | 6,728* | | −1.9* | |
| USSR | 363* | 445* | 465* | 496* | 511* | 495* | 856* | 3.5* | 5.9* |
| Inland transport | | | | | | | | | |
| (billion tkm) [h] | | | | | | | | | |
| US | 2,010* | 2,400* | 2,530* | 2,500* | 2,300* | *N.A.** | | *N.A.** | |
| USSR | 693* | 1,130* | 1,260* | 1,420* | 1,550 | *N.A.* | | *N.A.* | |
| Cement | | | | | | | | | |
| (million metric tons) | | | | | | | | | |
| US | 39.1* | 52.8* | 56.0* | 52.4* | 54.7* | 60.4* | | 5.0* | |
| USSR | 10.2* | 22.5* | 24.9* | 28.9* | 33.3* | 38.8* | 78.0* [g] | 16.0* | 14.5* |

[a] For detailed information on these items, see the pertinent tables.
[b] When a range of quantities or indexes occurred in data used in computing these averages, the midpoint of the plan was used. The base year is the year before the stated year.
[c] 1951–58.
[d] Data are as of midyear.
[e] Metric tons of standard fuel equivalents.
[f] 1956–59.
[g] Midpoint of the range of planned production for 1965.
[h] Metric ton-kilometers.






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Table 9
Comparison of Selected Economic Indicators for Communist China and India [a]
1950 and 1955–59

| Product, Unit of Measure, and Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | Average Annual Rate of Growth [b] (Percent) 1951–59 |
|---|---|---|---|---|---|---|---|
| Gross national product | | | | | | | |
| Communist China (billion 1955 US $) | 31.4 | 48.5 | 53.8 | 56.2 | 67.4 | 74.2 | 10.0 |
| India (billion 1958 US $) | 23.6* | 27.4* | 28.8* | 28.4* | 30.7* | 31.8* | 3.4* |
| Industrial production (1950=100) | | | | | | | |
| Communist China | 100 | 266 | 341 | 365 | 516 | 671 | 23.6 |
| India | 100* | 136* | 148* | 153* | 156* | 166* | 5.8* |
| Population (million persons) [c] | | | | | | | |
| Communist China | 547* | 612* | 627* | 642* | 658* | 675* | 2.4* |
| India | 358* | 382* | 387* | 392* | 398* | 403* | 1.3* |
| Electric power (billion kilowatt-hours) [d] | | | | | | | |
| Communist China | 4.55 | 12.30* | 16.60* | 19.30* | 27.50* | 41.50* | 27.8 |
| India | 6.52* | 10.97* | 12.33* | 13.88* | 15.79* | 18.20* | 12.1* |
| Coal (million metric tons) | | | | | | | |
| Communist China | 42.9* | 98.3* | 110.4* | 130.7* | 270.2* | 347.8* | 26.2* |
| India | 32.8* | 38.8* | 39.9* | 44.2* | 46.1* | 47.8* | 4.3* |
| Crude steel (million metric tons) | | | | | | | |
| Communist China | 0.60* | 2.85* | 4.46* | 5.35* | 8.00* [e] | 13.35* [f] | 41.2* |
| India | 1.46* | 1.73* | 1.76* | 1.74* | 1.85* | 2.41* | 5.7* |
| Refined copper (thousand metric tons) | | | | | | | |
| Communist China | 5.3 | 15.0 | 14.0 | 14.0 | 35.0 | 56.0 | 29.9 |
| India | 6.7* | 7.4* | 7.8* | 7.9* | 8.0* | 7.8* | 1.7* |
| Rice (million metric tons) | | | | | | | |
| Communist China | 64.0 | 78.0 | 82.5 | 86.8 | 99.0 | 90.0 | 3.9 |
| India [g] | 31.8* | 41.0* | 43.1* | 38.0* | 45.4* | 46.3* | 4.3* |
| Wheat (million metric tons) | | | | | | | |
| Communist China | 21.0 | 23.0 | 24.8 | 23.6* | 29.0* | *N.A.* | 4.1 [h] |
| India | 6.40* | 8.92* | 8.76* | 9.46* | 7.89* | 9.85* | 4.9* |

See footnotes at end of table.



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Table 9 (*Continued*)

| Product, Unit of Measure, and Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | Average Annual Rate of Growth [b] (Percent) 1951–59 |
|---|---|---|---|---|---|---|---|
| Wool (thousand metric tons) | | | | | | | |
| Communist China | 34.0 | 36.1 | 36.8 | 37.5 | 38.2 | 39.0 | 1.5 |
| India | 22.9* | 32.7* | 32.7* | 33.6* | 33.6* | 33.6* | 4.4* |
| Sulfuric acid (thousand metric tons) | | | | | | | |
| Communist China | 49 | 375 | 517 | 632 | 740 | 1,000 | 39.8 |
| India | 104* | 169* | 168* | 199* | 230* | 280* | 11.6* |
| Motor vehicles (thousand units) | | | | | | | |
| Communist China | 0 | 0 | 1.6* | 7.5 | 16.0 | 19.2 | *N.A.* |
| India | 14.6* | 23.1* | 32.1* | 31.9* | 26.8* | 36.3* | 10.6* |
| Railroad freight traffic (billion tkm) [i] | | | | | | | |
| Communist China | 39.4* | 98.2* | 120.4* | 134.6* | 185.5* | 250.0 | 22.8 |
| India | 47.1* [j] | 55.4* | 62.4* | 70.6* | 73.8* | 76.2* | 5.5* |
| Cement (million metric tons) | | | | | | | |
| Communist China | 1.41 | 4.50* | 6.39* | 6.86* | 9.30* | 12.27* | 27.2 |
| India | 2.66* | 4.56* | 5.00* | 5.69* | 6.17* | 6.96* | 11.3* |

[a] For detailed information on the items for Communist China, see the pertinent tables. Data for India are primarily from UN sources or from official Indian statistical publications.
[b] The base year is the year before the stated year.
[c] Data are as of midyear.
[d] Data refer to total (gross) production at generating centers (therefore including transmission losses and station use).
[e] Excluding production from native furnaces.
[f] Including 4.72 million metric tons of steel made in small side-blown converters.
[g] Production estimated from planted acreage.
[h] 1951–58.
[i] Metric ton-kilometers.
[j] 1951.



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Table 10
Estimated Population [a]
Selected Years, 1938–75

Midyear Population in Million Persons

| Country | Prewar Boundaries | Present Boundaries | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1938 | 1938 | 1950 | 1955 | 1958 | 1959 | 1960 | 1965 | 1970 | 1975 |
| NATO | 370* | 370* | 416* | 442* | 460* | 466* | 472* | 501* | 533* | 570* |
| US | 130.0* | 130.0* | 151.7* | 165.3* | 174.1* | 177.1* | 180.1* | 195.7* | 213.8* | 235.2* |
| Other NATO countries | 240.4* | 239.8* | 263.8* | 276.8* | 286.0* | 289.1* | 291.9* | 305.1* | 319.2* | 334.4* |
| Belgium | 8.4* | 8.4* | 8.6* | 8.9* | 9.1* | 9.1* | 9.2* | 9.4* | 9.7* | 10.1* |
| Canada | 11.4* | 11.4* | 13.7* | 15.7* | 17.1* | 17.5* | 17.8* | 19.6* | 21.1* | 22.6* |
| Denmark | 3.8* | 3.8* | 4.3* | 4.4* | 4.5* | 4.5* | 4.6* | 4.7* | 4.9* | 5.1* |
| France | 41.9* | 41.9* | 41.7* | 43.3* | 44.5* | 45.0* | 45.4* | 46.8* | 48.4* | 50.1* |
| West Germany [b] | 39.9* | 39.9* | 47.8* | 50.2* | 52.2* | 52.7* | 53.1* | 54.9* | 56.2* | 57.0* |
| Greece | 7.2* | 7.2* | 7.6* | 8.0* | 8.2* | 8.3* | 8.3* | 8.7* | 9.2* | 9.7* |
| Iceland | 0.1* | 0.1* | 0.1* | 0.2* | 0.2* | 0.2* | 0.2* | 0.2* | 0.2* | 0.2* |
| Italy | 43.6* | 43.0* | 46.6* | 48.1* | 48.7* | 49.0* | 49.2* | 51.0* | 53.2* | 55.8* |
| Luxembourg | 0.3* | 0.3* | 0.3* | 0.3* | 0.3* | 0.3* | 0.3* | 0.3* | 0.3* | 0.4* |
| Netherlands | 8.7* | 8.7* | 10.1* | 10.8* | 11.2* | 11.3* | 11.5* | 12.0* | 12.5* | 13.0* |
| Norway | 2.9* | 2.9* | 3.3* | 3.4* | 3.5* | 3.6* | 3.6* | 3.7* | 3.9* | 4.0* |
| Portugal | 7.5* | 7.5* | 8.4* | 8.8* | 9.0* | 9.1* | 9.1* | 9.5* | 10.0* | 10.5* |
| Turkey | 17.2* | 17.2* | 20.8* | 23.9* | 25.9* | 26.6* | 27.4* | 31.1* | 35.3* | 39.8* |
| UK | 47.5* | 47.5* | 50.3* | 51.0* | 51.7* | 51.9* | 52.2* | 53.0* | 54.3* | 56.1* |
| Sino-Soviet Bloc | 783* | 790* | 843* | 927* | 987* | 1,009* | 1,031* | 1,147* | 1,274* | 1,416* |
| USSR | 168.5* | 192.3* | 182.3* | 197.0* | 206.9* | 210.3* | 213.9* | 231.0* | 247.1* | 263.3* |
| Asian countries | 502* | 502* | 571* | 636* | 683* | 700* | 718* | 812* | 919* | 1,039* |
| Communist China | 480* | 480* | 547* | 612* | 658* | 675* | 692* | 783* | 886* | 1,002* |
| North Korea | 8.9* | 8.9* | 9.1* | 8.2* | 8.7* | 8.9* | 9.1* | 10.0* | 11.1* | 12.2* |
| North Vietnam | 12.8* | 12.8* | 14.4* | 14.7* | 15.3* | 15.6* | 16.0* | 18.1* | 20.5* | 23.1* |
| Mongolia | 0.8* | 0.8* | 0.9* | 0.9* | 1.0* | 1.0* | 1.0* | 1.1* | 1.3* | 1.4* |

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Table 10 (*Continued*)

Midyear Population in Million Persons

| Country | Prewar Boundaries | Present Boundaries | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1938 | 1938 | 1950 | 1955 | 1958 | 1959 | 1960 | 1965 | 1970 | 1975 |
| European Satellites | 112.3* | 95.5* | 89.7* | 94.3* | 96.8* | 97.8* | 98.7* | 103.5* | 108.5* | 114.2* |
| Albania | 1.0* | 1.0* | 1.2* | 1.4* | 1.5* | 1.5* | 1.6* | 1.8* | 2.1* | 2.4* |
| Bulgaria | 6.2* | 6.7* | 7.3* | 7.5* | 7.7* | 7.8* | 7.9* | 8.2* | 8.6* | 9.0* |
| Czechoslovakia | 15.3* | 14.5* | 12.4* | 13.1* | 13.5* | 13.6* | 13.7* | 14.2* | 14.8* | 15.4* |
| East Germany [b] | 26.1* | 16.6* | 18.4* | 17.9* | 17.4* | 17.3* | 17.2* | 16.8* | 16.7* | 16.7* |
| Hungary | 9.2* | 9.2* | 9.3* | 9.8* | 9.9* | 9.9* | 10.0* | 10.3* | 10.7* | 11.0* |
| Poland | 34.7* | 31.9* | 24.8* | 27.3* | 28.8* | 29.4* | 29.9* | 32.5* | 35.0* | 37.9* |
| Rumania | 19.8* | 15.6* | 16.3* | 17.3* | 18.1* | 18.3* | 18.5* | 19.5* | 20.6* | 21.8* |

[a] All data in this table are unclassified but are not necessarily official data of the respective countries.
[b] Excluding the population of West Berlin. The population of West Berlin in 1938 is estimated to have been 2.7 million persons; for the period 1950–75, the estimated population is about 2.2 million persons.



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Table 11
Civilian Employment in the US and the Sino-Soviet Bloc [a]
1950, 1955–59, and 1965

Million Persons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 [b] |
|---|---|---|---|---|---|---|---|
| US | 63.1* | 65.8* | 67.5* | 67.9* | 68.6* | 69.4* | |
| Sino-Soviet Bloc [c] | 405 | 440 | 451 | 461 | 485 | 495 | |
| USSR | 86.9 | 95.6 | 98.9 | 101 | 102 | 104 | 113 |
| Communist China | 262 | 286 | 293 | 300 | 322 | 329 | 374 |
| North Korea | 4.20 | 3.40 | 3.50 | 3.70 | 3.80 | 3.90 | 4.60 |
| North Vietnam | 7.50 | 8.00 | 7.90 | 8.10 | 8.20 | 8.30 | 9.30 |
| European Satellites | 44.4 | 46.8 | 47.7 | 48.4 | 48.8 | 49.3 | |
| Albania | 0.60 | 0.69 | 0.70 | 0.72 | 0.73 | 0.75 | 0.89 |
| Bulgaria | 4.22 | 4.05 | 4.17 | 4.26 | 4.41 | 4.50 | 4.89 |
| Czechoslovakia | 5.64 | 6.04 | 6.13 | 6.23 | 6.33 | 6.42 | 6.89 |
| East Germany | 8.43 | 8.45 | 8.56 | 8.62 | 8.54 | 8.49 | 7.95 |
| Hungary | 4.03 | 4.29 | 4.39 | 4.43 | 4.45 | 4.48 | 4.69 |
| Poland | 12.1 | 13.4 | 13.7 | 14.0 | 14.1 | 14.2 | 15.7 |
| Rumania | 9.38 | 9.89 | 10.0 | 10.1 | 10.3 | 10.4 | 11.2 |

[a] Data for the countries of the Sino-Soviet Bloc refer to annual average employment for the USSR and Poland; annual average employment in nonagricultural activities and midyear or year-end employment in agriculture for Albania, Bulgaria, Czechoslovakia, and Rumania; annual average employment in nonagricultural activities and beginning-of-year employment in agriculture for Hungary; and midyear employment for Communist China, North Korea, North Vietnam, and East Germany. All data exclude the military forces. Data for the US include unemployed persons and refer to annual averages of monthly data.
[b] Estimated civilian employment for 1965.
[c] Excluding Mongolia.

Table 12
Agricultural Employment in the US and the Sino-Soviet Bloc [a]
1950, 1955–59, and 1965

Million Persons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 [b] |
|---|---|---|---|---|---|---|---|
| US | 7.51* | 6.73* | 6.58* | 6.22* | 5.84* | 5.84* | |
| Sino-Soviet Bloc [c] | 302 | 318 | 325 | 332 | 350 | 355 | |
| USSR | 51.5 | 51.2 | 52.9 | 52.7 | 52.5 | 52.5 | 51.0 |
| Communist China | 217 | 235 | 240 | 247 | 265 | 269 | 292 |
| North Korea | 2.90 | 2.20 | 2.20 | 2.20 | 2.10 | 2.10 | 2.00 |
| North Vietnam | 6.40 | 6.90 | 6.80 | 6.90 | 7.00 | 7.10 | 7.90 |
| European Satellites | 24.2 | 23.1 | 23.3 | 23.5 | 23.7 | 23.8 | |
| Albania | 0.47 | 0.51 | 0.52 | 0.53 | 0.54 | 0.55 | 0.66 |
| Bulgaria | 3.25 | 2.71 | 2.80 | 2.82 | 2.95 | 3.01 | 3.27 |
| Czechoslovakia | 2.06 | 1.96 | 1.92 | 1.90 | 1.88 | 1.88 | 1.88 |
| East Germany | 2.07 | 1.74 | 1.73 | 1.64 | 1.63 | 1.62 | 1.52 |
| Hungary | 2.10 | 1.95 | 1.99 | 2.03 | 2.03 | 2.03 | 2.03 |
| Poland | 7.14 | 7.18 | 7.24 | 7.30 | 7.36 | 7.36 | 7.36 |
| Rumania | 7.15 | 7.02 | 7.10 | 7.25 | 7.33 | 7.40 | 7.95 |

[a] Data for the countries of the Sino-Soviet Bloc refer to annual average employment for the USSR and Poland; midyear or year-end employment for Albania, Bulgaria, Czechoslovakia, and Rumania; beginning-of-year employment for Hungary; and midyear employment for Communist China, North Korea, North Vietnam, and East Germany. All data exclude the military forces. Data for the US include unemployed persons and refer to annual averages of monthly data.
[b] Estimated agricultural employment for 1965.
[c] Excluding Mongolia.



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Table 13
Nonagricultural Employment in the US and the Sino-Soviet Bloc [a]
1950, 1955–59, and 1965

Million Persons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 [b] |
|---|---|---|---|---|---|---|---|
| US | 52.4* | 56.5* | 58.4* | 58.8* | 58.1* | 59.7* | |
| Sino-Soviet Bloc [c] | **106** | **121** | **126** | **128** | **135** | **140** | |
| USSR | 38.1 | 44.4 | 46.0 | 47.9 | 49.9 | 51.7 | 61.9 |
| Communist China | 45.0 | 51.0 | 53.0 | 53.0 | 57.0 | 60.0 | 82.0 |
| North Korea | 1.30 | 1.20 | 1.30 | 1.50 | 1.70 | 1.80 | 2.60 |
| North Vietnam | 1.10 | 1.10 | 1.10 | 1.20 | 1.20 | 1.20 | 1.40 |
| European Satellites | **20.2** | **23.7** | **24.4** | **24.9** | **25.1** | **25.4** | |
| Albania | 0.13 | 0.18 | 0.18 | 0.19 | 0.19 | 0.20 | 0.23 |
| Bulgaria | 0.97 | 1.34 | 1.37 | 1.44 | 1.46 | 1.49 | 1.62 |
| Czechoslovakia | 3.58 | 4.08 | 4.21 | 4.33 | 4.45 | 4.54 | 5.01 |
| East Germany | 6.36 | 6.71 | 6.83 | 6.98 | 6.91 | 6.87 | 6.43 |
| Hungary | 1.93 | 2.34 | 2.40 | 2.40 | 2.42 | 2.45 | 2.66 |
| Poland | 4.99 | 6.20 | 6.44 | 6.68 | 6.75 | 6.88 | 8.32 |
| Rumania | 2.23 | 2.87 | 2.94 | 2.88 | 2.93 | 2.99 | 3.22 |

[a] Data for the countries of the Sino-Soviet Bloc refer to annual average employment for the USSR, Albania, Bulgaria, Czechoslovakia, Hungary, Poland, and Rumania and midyear employment for Communist China, North Korea, North Vietnam, and East Germany. All data exclude the military forces. Data for the US include unemployed persons and refer to annual averages of monthly data.
[b] Estimated nonagricultural employment for 1965.
[c] Excluding Mongolia.

Table 14
Strength of Armed Forces
1959

Thousand Persons [a]

| Country | Total Armed Forces | Military | Internal Security |
|---|---|---|---|
| NATO | **6,100** | **5,800** | **300** |
| US | 2,600* | | |
| Sino-Soviet Bloc | **8,600** | **8,000** | **570** |
| USSR [b] | 3,900 | 3,600 | 250 |
| Communist China | 2,800 | 2,800 | *N.A.* |
| North Korea | 360 | 360 | *N.A.* |
| North Vietnam | 310 | 270 | 35 |
| European Satellites | **1,300** | **1,000** | **280** |
| Albania | 40 | 30 | 10 |
| Bulgaria | 160 | 130 | 35 |
| Czechoslovakia | 240 | 190 | 45 |
| East Germany | 140 | 90 | 50 |
| Hungary | 140 | 100 | 35 |
| Poland | 290 | 250 | 45 |
| Rumania | 280 | 220 | 60 |

[a] All data have been rounded to two significant digits.
[b] 1 January 1960.



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Table 15
Military Age Group[a] in the US and the Sino-Soviet Bloc
1956 and Projections for 1961 and 1966

Thousand Persons

| Country | 1956 | 1961 | 1966 |
|---|---|---|---|
| US | 11,200* | 11,300* | 12,900* |
| Sino-Soviet Bloc[b] | 79,000 | 84,800 | 87,800 |
| USSR | 18,719 | 19,252 | 17,052 |
| Communist China | 51,000 | 56,000 | 61,000 |
| North Korea | 500 | 600 | 1,000 |
| North Vietnam | 1,300 | 1,400 | 1,600 |
| European Satellites | 7,470 | 7,500 | 7,170 |
| Albania | 130 | 140 | 150 |
| Bulgaria | 660 | 610 | 580 |
| Czechoslovakia | 930 | 910 | 990 |
| East Germany | 1,100 | 1,260[c] | 1,110[c] |
| Hungary | 760 | 690 | 720 |
| Poland | 2,330 | 2,310 | 2,120 |
| Rumania | 1,560 | 1,580 | 1,500 |

[a] The male population 20 to 29 years of age as of the beginning of the year.
[b] Excluding Mongolia.
[c] Assuming average annual emigration of 200,000 persons of all ages.



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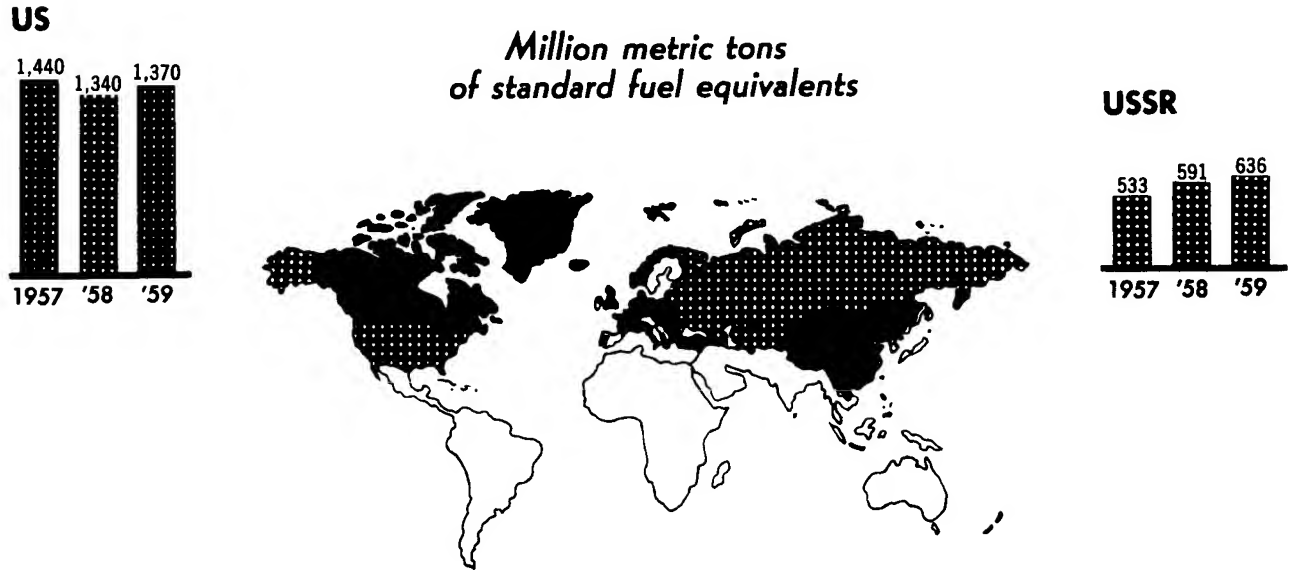
Figure 2

# COMPARISON OF PRODUCTION OF PRIMARY ENERGY IN STANDARD FUEL EQUIVALENTS IN THE US AND THE USSR SELECTED YEARS, 1955-59



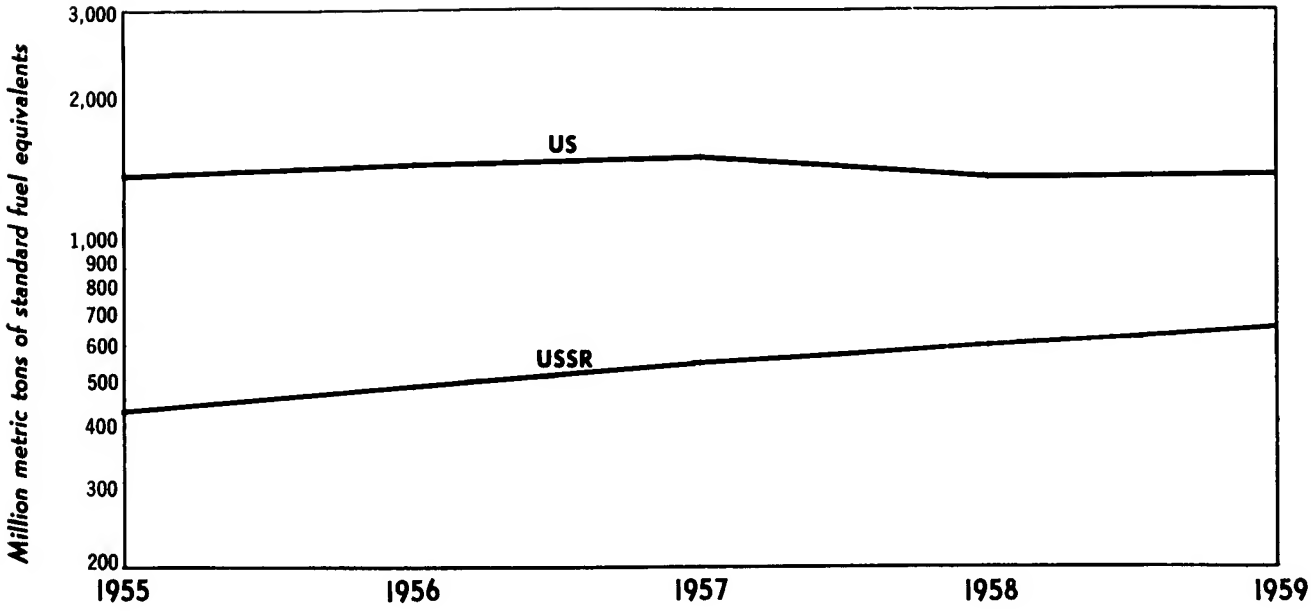




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Table 16

Production of Primary Energy[a] in Standard Fuel Equivalents in the US and the Sino-Soviet Bloc, 1955–59

Million MT/SF[b]

| Country | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|
| US | 1,340* | 1,430* | 1,440* | 1,340* | 1,370* |
| Sino-Soviet Bloc | 767 | 829 | 919 | 1,120 | 1,240 |
| USSR | 434 | 475 | 533 | 591 | 636 |
| Communist China | 94.0 | 107 | 130 | 260 | 330 |
| North Korea | 4.23 | 5.89 | 7.68 | 9.52 | 11.1 |
| North Vietnam | 0.60 | 1.13 | 1.10 | 1.40 | 2.43 |
| European Satellites | 234 | 240 | 247 | 258 | 265 |
| Albania | 0.39 | 0.50 | 0.85 | 0.69 | 0.86 |
| Bulgaria | 5.59 | 6.19 | 6.81 | 7.21 | 8.61 |
| Czechoslovakia | 37.8 | 41.6 | 45.2 | 50.2 | 49.9 |
| East Germany | 65.6 | 67.3 | 69.4 | 70.4 | 70.3 |
| Hungary | 13.8 | 12.4 | 11.8 | 13.5 | 14.3 |
| Poland | 83.8 | 84.5 | 83.4 | 84.7 | 88.8 |
| Rumania | 26.8 | 27.8 | 29.7 | 31.7 | 32.5 |

[a] From major sources of supply, including coal, crude oil, natural gas, and hydroelectric power. Excluding energy from minor sources such as peat, shale, and fuelwood.

[b] Million metric tons of standard fuel equivalents. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.



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Table 17
Production of Electric Power [a]
1950, 1955–59, and 1965 Plan

Billion Kilowatt-Hours

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 663* | 1,070* | 1,160* | 1,220* | 1,260* | 1,350* | 1,918* [c] |
| Total US [d] | 408* | 668* | 727* | 760* | 768* | 836* | 1,160* [c] |
| Of which: Hydro | 106* | 116* | 125* | 133* | 143* | 141* | 175* [c] |
| Sino-Soviet Bloc | 143 | 259* | 293* | 321* | 365* | 417* | |
| Total USSR | 91.20* | 170.22* | 191.65* | 209.69* | 235.40* | 264.00* | 520* |
| Of which: Hydro | 12.70* | 23.16* | 28.98* | 39.43* | 46.49* | 47.60* | 91.6* |
| Communist China | 4.55 | 12.30* | 16.60* | 19.30* | 27.50* | 41.50* | |
| North Korea | 3.00 | 3.00* | 5.10* | 6.90* | 7.63* | 7.81* | 20* |
| North Vietnam | 0.07 | 0.05* | 0.09* | 0.12* | 0.16* | 0.21* | |
| European Satellites | 44.1* | 73.4* | 79.7* | 85.3* | 93.9* | 103* | 183* |
| Albania | 0.02* | 0.08* | 0.10* | 0.12* | 0.15* | 0.18* | 0.61* |
| Bulgaria | 0.80* | 2.07* | 2.39* | 2.66* | 3.02* | 3.90* | 10* |
| Czechoslovakia | 9.27* | 15.01* | 16.59* | 17.72* | 19.62* | 21.90* | 37.7* |
| East Germany | 19.47* | 28.70* | 31.18* | 32.74* | 34.87* | 37.20* | 63* |
| Hungary | 3.00* | 5.43* | 5.00* | 5.44* | 6.50* | 7.10* | 10* |
| Poland | 9.40* | 17.80* | 19.50* | 21.16* | 23.50* | 26.40* | 43.5* |
| Rumania | 2.11* | 4.30* | 4.93* | 5.44* | 6.18* | 6.80* | 18.5* |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 13.45* | 14.06* | Iceland | 0.47* | *N.A.** | Portugal | 2.66* | 2.99* |
| Canada | 97.23* | 104.37* | Italy | 45.16* | 47.60* | Saar | 2.95* | 2.99* |
| Denmark | 4.11* | 4.70* | Luxembourg | 1.32* | 1.29* | Turkey [e] | 2.30* | 2.41* |
| France | 64.12* | 66.59* | Netherlands | 14.10* | 14.98* | UK | 114.85* | 122.63* |
| Greece | 1.80* | *N.A.** | Norway | 27.59* | 28.35* | West Germany | 95.32* | 101.52* |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Austria | 13.56* | 15.06* | Japan | 81.85* | *N.A.** | Switzerland | 16.89* | 17.50* |
| Finland | 7.97* | 7.74* | Spain | 15.90* | 16.10* | Yugoslavia | 7.33* | 8.11* |
| India | 15.79* | 18.20* | Sweden | 30.53* | 32.26* | | | |

[a] Data refer to total (gross) production at generating centers (therefore including transmission losses and station use).

[b] Excluding for 1959, Greece and Iceland.

[c] Estimated production for 1965.

[d] Data are gross estimates based on reported net, adjusted by adding 7.5 percent to thermal electric production to include production that is consumed on the station itself. These data give, therefore, a more realistic comparison with countries of the Sino-Soviet Bloc that have been reporting on a gross basis. These data exclude Alaska and Hawaii.

[e] Approximately 90 percent of gross production.



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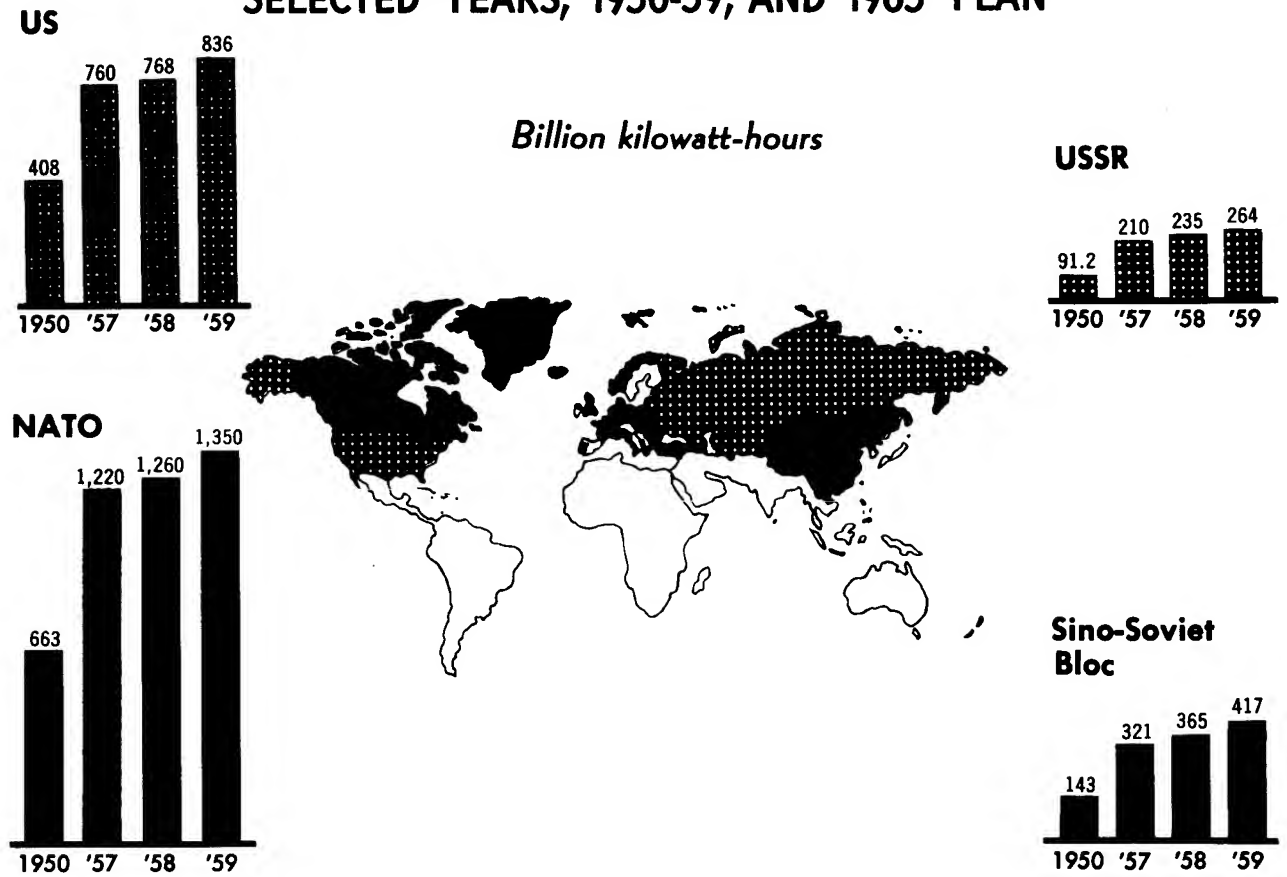
Figure 3

# COMPARISON OF PRODUCTION OF ELECTRIC POWER IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



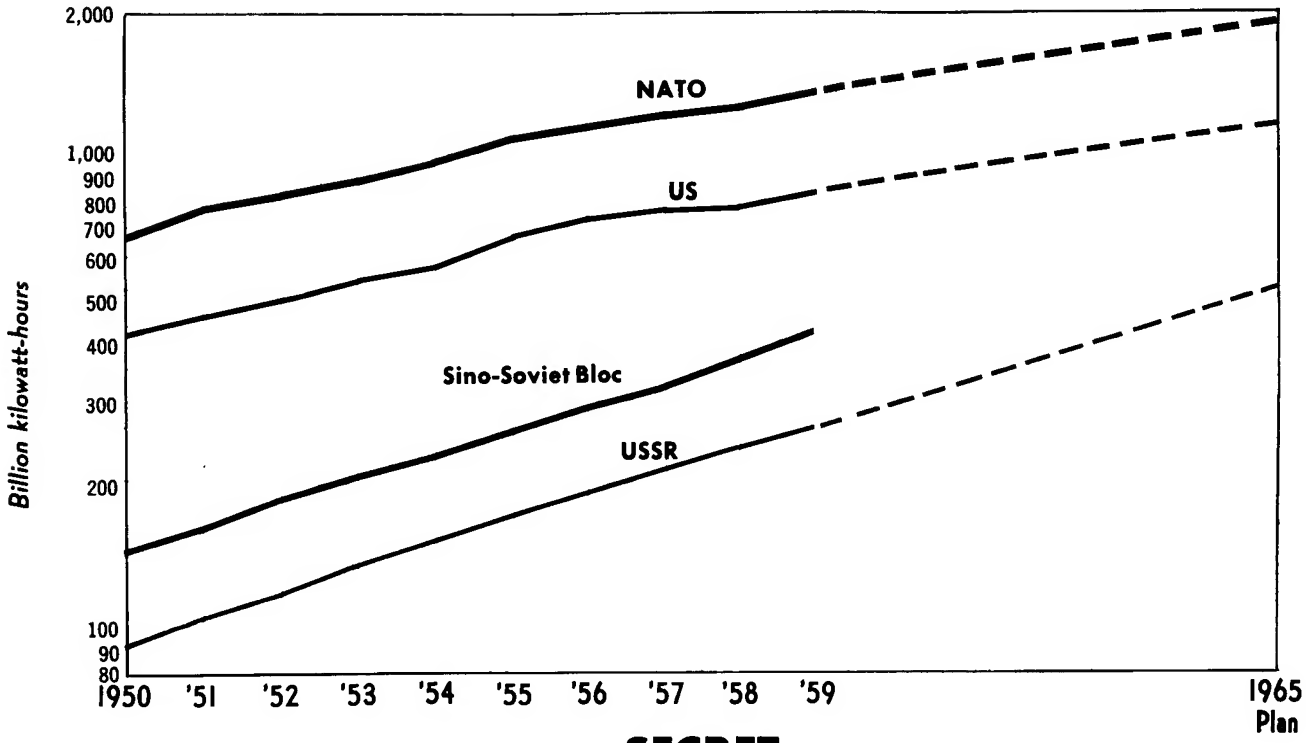




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Table 18
Production of Coal[a] in Standard Fuel Equivalents
1955–59 and 1965 Plan

Million MT/SF[b]

| Country | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|
| NATO[c] | 967* | 1,010* | 997* | 905* | 880* | |
| US | 460.41* | 496.23* | 486.25* | 405.01* | 403.04* | |
| Sino-Soviet Bloc | 608 | 641 | 692 | 855 | 943 | |
| USSR | 310.82 | 325.06 | 351.68 | 375.41 | 383.62 | 475.00[d] |
| Communist China | 91.28 | 102.48 | 121.39 | 250.90 | 322.96 | |
| North Korea | 2.52 | 3.01 | 3.78 | 5.20 | 6.69 | |
| North Vietnam | 0.60 | 1.13 | 1.10 | 1.39 | 2.43 | |
| European Satellites | 203 | 209 | 214 | 222 | 227 | |
| Albania | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | |
| Bulgaria | 5.06 | 5.46 | 6.00 | 6.42 | 7.74 | 15.95 |
| Czechoslovakia | 36.41 | 40.11 | 43.02 | 47.11 | 46.10 | 63.10 |
| East Germany | 65.35 | 67.06 | 69.18 | 70.05 | 69.95 | 89.70 |
| Hungary | 10.92 | 10.05 | 10.31 | 11.80 | 12.34 | 14.55 |
| Poland | 82.70 | 83.32 | 82.35 | 83.56 | 87.59 | 103.71 |
| Rumania | 2.68 | 2.81 | 3.02 | 3.20 | 3.39 | 5.09 |

[a] Including hard coal (anthracite and bituminous), brown coal, and lignite, in terms of standard fuel equivalents. For actual tonnages of hard or brown coal, see Tables 19 and 20 (pp. 20 and 21, respectively below).

[b] Million metric tons of standard fuel equivalents. The average calorific values used to convert to standard fuel of 7,000 kilocalories per kilogram are listed below.

Average Calorific Values
(Kilocalories per Kilogram)

| Country or Area | Hard Coal | Brown Coal and Lignite |
|---|---|---|
| NATO (excluding the US) | 6,700 | 2,800 |
| US | 7,260 | 3,890 |
| Communist China | 6,500 | *N.A.* |
| North Korea | 6,100 | 4,240 |
| North Vietnam | 6,500 | *N.A.* |
| Albania | *N.A.* | 3,500 |
| Bulgaria | 5,250 | 3,475 |
| Czechoslovakia | 5,090 | 3,490 |
| East Germany | 6,000 | 2,200 |
| Hungary | 4,700 | 3,250 |
| Poland | 6,000 | 2,000 |
| Rumania | 4,000 | 1,940 |

The average calorific value for the USSR for 1955–59 and that planned for 1965 is 5,200 kilocalories per kilogram (kc/kg). The annual average calorific values for the USSR for individual years are as follows:

| Year | Kc/Kg |
|---|---|
| 1955 | 5,561 |
| 1956 | 5,302 |
| 1957 | 5,312 |
| 1958 | 5,300 |
| 1959 | 5,302 |
| 1965 Plan | 5,048 |

[c] Excluding for all years, Iceland and Luxembourg, and for brown coal and lignite, for 1959, Denmark. Production for Belgium, Norway, the Saar, and the UK includes hard coal only. Production for Denmark and Greece includes brown coal and lignite only.

[d] On a cleaned coal basis, production would amount to 439.2 million MT/SF.



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Table 19
Production of Hard Coal [a]
1950, 1955–59, and 1965 Plan

Million Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 962* | 931* | 969* | 957* | 868* | 843* | |
| US | 505.3* | 442.4* | 477.1* | 467.6* | 389.4* | 387.4* | |
| Sino-Soviet Bloc | 333 | 503* | 545* | 590 | 759 | 852 | |
| USSR | 185.2* | 276.6* | 304.0* | 328.5* | 353.0* | 360.6 | 438.50 [c] |
| Communist China [d] | 42.9* | 98.3* | 110.4* | 130.7* | 270.2* | 347.8* | |
| North Korea | 1.1 | 2.0* | 2.4* | 2.8 | 3.9 | 5.0 | |
| North Vietnam | 0.5 [e] | 0.6* | 1.2* | 1.1* | 1.5* | 2.6* | |
| European Satellites | 104* | 126* | 128* | 127* | 131* | 136 | 159 |
| Bulgaria | 0.2* | 0.3* | 0.4* | 0.4* | 0.4* | 0.5 | 1.35* |
| Czechoslovakia | 18.5* | 22.1* | 23.4* | 24.2* | 25.8* | 26.5 | 33.70 [f] |
| East Germany | 2.8* | 2.7* | 2.7* | 2.8* | 2.9* | 2.8* | 2.80 [f] |
| Hungary | 1.4* | 2.7* | 2.4* | 2.3* | 2.6* | 2.7* | 3.00 [f] |
| Poland | 78.0* | 94.5* | 95.1* | 94.1* | 95.0* | 99.1* | 112.00* |
| Rumania | 2.7* | 3.4* | 3.5* | 3.6* | 3.9* | 4.0 | 6.00* |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 27.1* | 22.8* | Netherlands | 11.9* | 12.0* | Turkey | 4.1* | 3.9* |
| Canada | 8.6* | 7.8* | Norway [g] | 0.3* | 0.3* | UK [h] | 219.3* | 209.5* |
| France | 57.7* | 57.6* | Portugal | 0.6* | 0.5* | West Germany | 132.6* | 125.6* |
| Italy | 0.7* | 0.7* | Saar | 15.5* | 15.3* | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Australia | 20.7* | 20.5* | Japan | 49.7* | 47.2* | Spain | 14.4* | 13.8* |
| India | 46.1* | 47.8* | | | | | | |

[a] Including anthracite and bituminous coal.
[b] Excluding Denmark, Greece, Iceland, and Luxembourg.
[c] Estimated production for 1965.
[d] Including a negligible amount of brown coal.
[e] Including production from all areas of Indochina.
[f] Estimated plan for 1965.
[g] Norwegian mines in Svalbard only.
[h] Excluding Northern Ireland.



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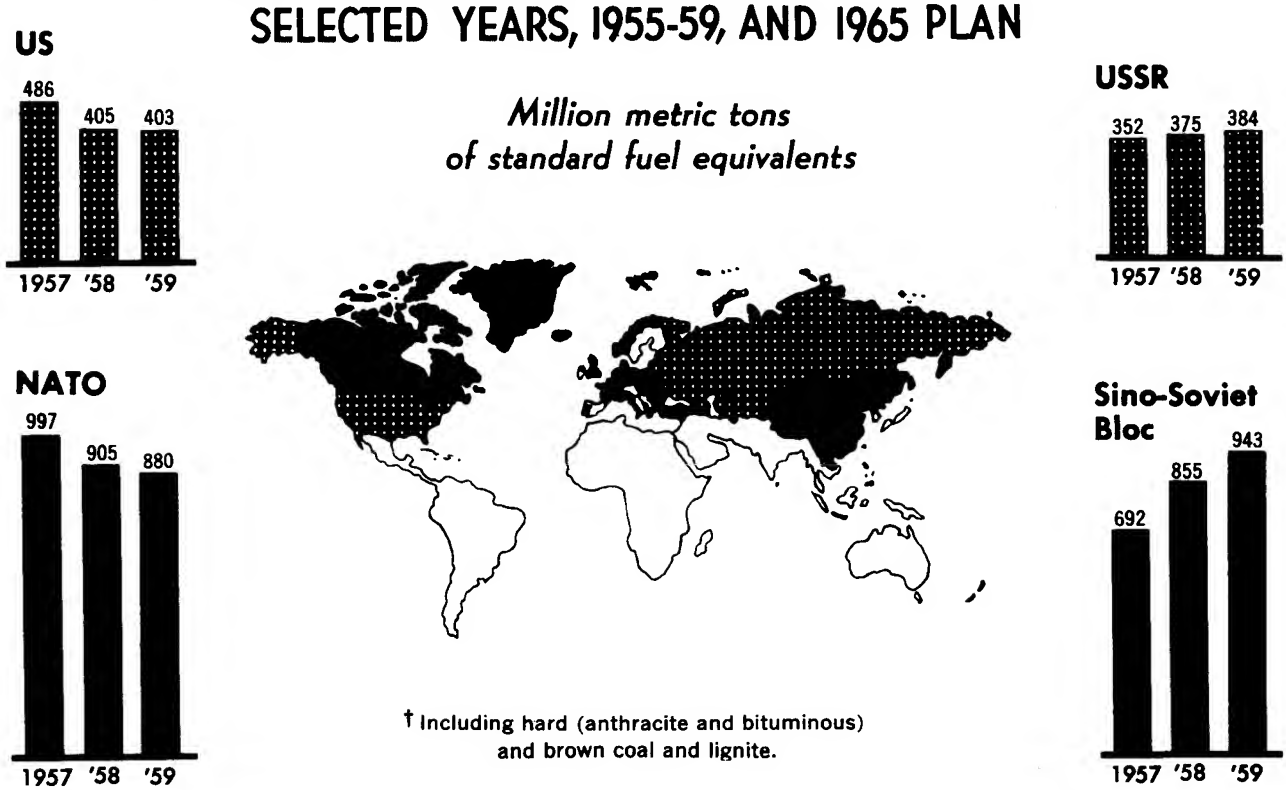
Figure 4

# COMPARISON OF PRODUCTION OF COAL† IN STANDARD FUEL EQUIVALENTS IN SELECTED AREAS SELECTED YEARS, 1955-59, AND 1965 PLAN




† Including hard (anthracite and bituminous) and brown coal and lignite.

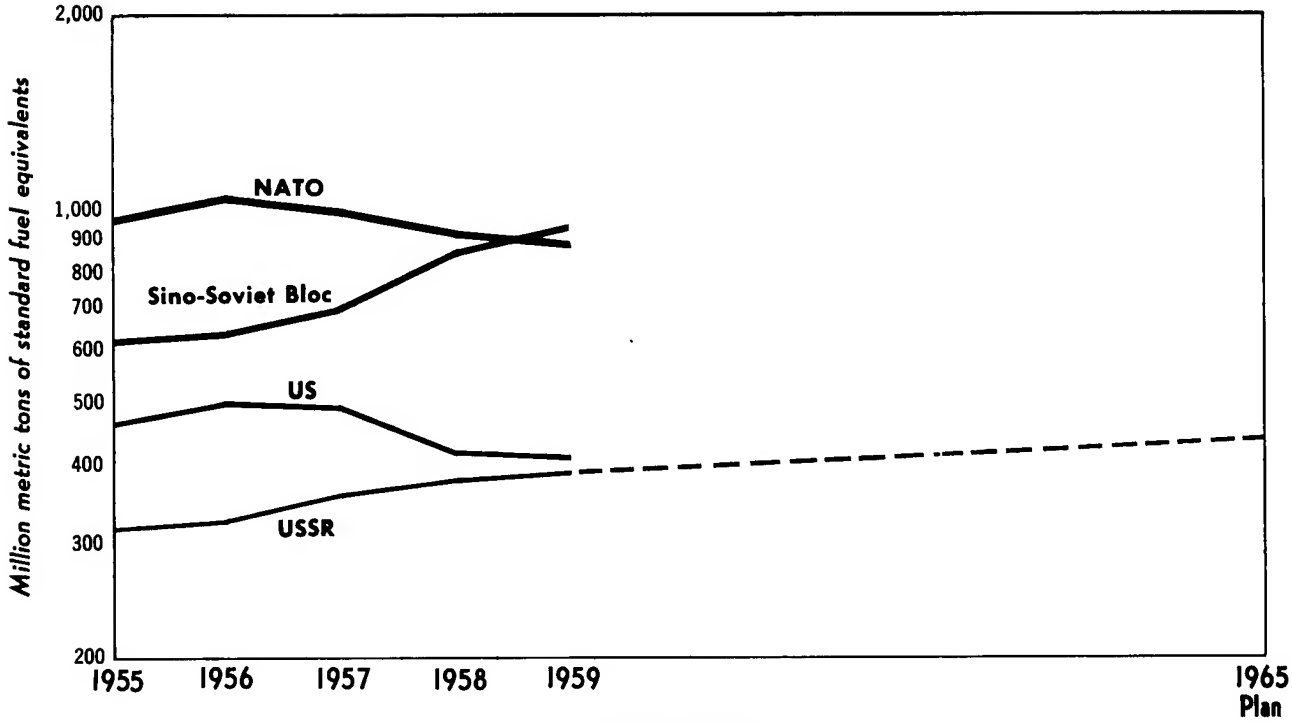



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Table 20
Production of Brown Coal and Lignite
1950, 1955–59, and 1965 Plan

Million Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 85.5* | 101* | 107* | 109* | 108* | 104* | |
| US | 3.1* | 2.9* | 2.6* | 2.4* | 2.2* | 2.2* | |
| Sino-Soviet Bloc [b] | 265 | 396* | 417* | 441 | 463 | 469 | |
| USSR | 75.9* | 114.6* | 125.2* | 135.0* | 142.8* | 145.9 | 170.5 [c] |
| North Korea | 0.9 | 1.2* | 1.5* | 2.1 | 3.0 | 3.9 | |
| European Satellites | 188* | 280* | 290* | 304* | 317* | 320 | |
| Albania | *Negl.** | 0.2* | 0.2* | 0.2* | 0.3* | 0.3* | |
| Bulgaria | 5.8* | 9.8* | 10.4* | 11.5* | 12.4* | 14.8 | 30.1* |
| Czechoslovakia | 27.5* | 40.8* | 46.3* | 51.0* | 56.8* | 53.8* | 77.4* |
| East Germany | 137.0* | 200.6* | 205.9* | 212.6* | 215.0* | 214.8* | 278.0* |
| Hungary | 11.9* | 19.6* | 18.2* | 18.9* | 21.6* | 22.6* | 27.0 [d] |
| Poland | 4.8* | 6.0* | 6.2* | 6.0* | 7.5* | 9.3* | 27.0* |
| Rumania | 1.2* | 2.8* | 3.0* | 3.4* | 3.5* | 4.0 | 6.0 [d] |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada | 2.0* | 1.8* | Greece | 1.2* | 1.6* | Portugal | 0.2* | 0.2* |
| Denmark | 3.0* | *N.A.** | Italy | 0.8* | 1.2* | Turkey [e] | 1.7* | 1.6* |
| France | 2.3* | 2.2* | Netherlands | 0.3* | 0.2* | West Germany | 93.8* | 93.4* |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Australia | 11.8* | 13.2* | Japan | 1.6* | 1.5* | Spain | 2.7* | 2.1* |
| Austria | 6.5* | 6.2* | New Zealand | 1.9* | 2.0* | Yugoslavia | 17.8* | 19.8* |

[a] Excluding for all years, Belgium, Iceland, Luxembourg, Norway, and the UK, and for 1959, Denmark.
[b] Negligible production in Communist China is included in hard coal.
[c] Estimated production for 1965.
[d] Estimated plan for 1965.
[e] State-owned mines only; approximately 70 percent of the total production in 1958.



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Table 21
Production of Metallurgical Coke [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **132,000*** | **159,000*** | **167,000*** | **171,000*** | **146,000*** | **N.A.*** | |
| US | 65,969* | 68,313* | 67,570* | 68,808* | 48,540* | 50,536* | |
| Sino-Soviet Bloc | **36,500** | **59,600** | **63,900** | **67,300** | **72,500** | **79,200** | |
| USSR | 27,700* | 43,600* | 46,600* | 48,600* | 50,900* | 53,500* | 76,000 to 80,600* |
| Communist China [c] | 1,200* | 3,658* | 4,243* | 5,040* | 6,995* | 9,605* | |
| North Korea | 405 | 154* | 200* | 240* | 390* | 765* | |
| European Satellites | **7,180** | **12,200** | **12,900** | **13,400** | **14,200** | **15,400** | |
| Bulgaria [d] | 9* | 10* | 10* | 12* | 12* | 12* | |
| Czechoslovakia | 4,047* | 5,460* | 5,825* | 5,943* | 5,836* | 6,200* | 9,720* |
| East Germany | 254 | 465 [e] | 573 [e] | 600 [e] | 784 [e] | 995 [e] | 1,295 |
| Hungary [f] | 0 | 30* | 30* | 197* | 336* | 360* | 640* |
| Poland | 2,802* | 6,127* | 6,200 | 6,242* | 6,647* | 7,190 | 9,125 |
| Rumania | 72* | 144* | 256* | 435* | 563* | 609* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 6,909* | 7,218* | Italy | 3,357* | 3,194* | Turkey | 536* | *N.A.** |
| Canada | 3,006* | *N.A.** | Netherlands | 4,077* | 4,083* | UK | 18,777* | 17,308* |
| France | 12,756* | 13,468* | Saar | 4,287* | 4,334* | West Germany | 43,578* | 38,529* |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Australia | 2,312* | 2,335* | Japan | 6,269* | 5,906* | Union of South Africa | 1,606* | 1,768* |
| Austria | 2,190* | 1,598* | Spain | 1,884* | 2,014* | Yugoslavia | 1,037* | 1,030* |

[a] Unless otherwise indicated, data include production of oven and beehive coke and exclude production of breeze coke.

[b] Net production, excluding coke consumed by coking plants. Excluding Denmark, Greece, Iceland, Luxembourg, Norway, and Portugal and including breeze coke for Belgium, Italy, and the Netherlands.

[c] Excluding coke made in beehive, clamp, native, and "small modern" furnaces.

[d] Mainly foundry coke, not suitable for blast furnaces.

[e] Including some high-temperature brown coal coke used for metallurgical purposes, estimated at 180,000 metric tons in 1955; 200,000 metric tons in 1956, in 1957, and in 1958; and 250,000 metric tons in 1959.

[f] Hungarian data refer to metallurgical coke, but a large part of this "metallurgical coke" is produced in gas plants and is used with high-quality coke in charging blast furnaces.



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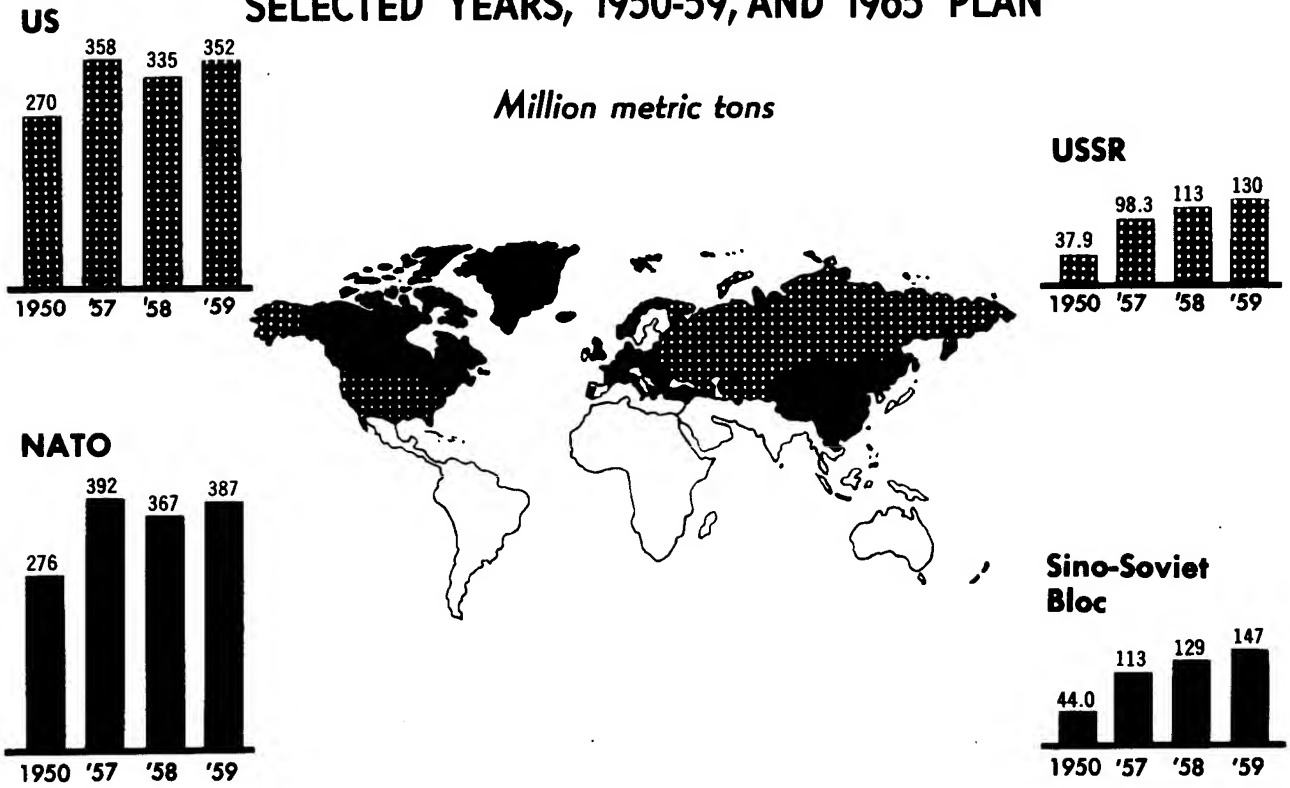
Figure 5

# COMPARISON OF PRODUCTION OF CRUDE PETROLEUM IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



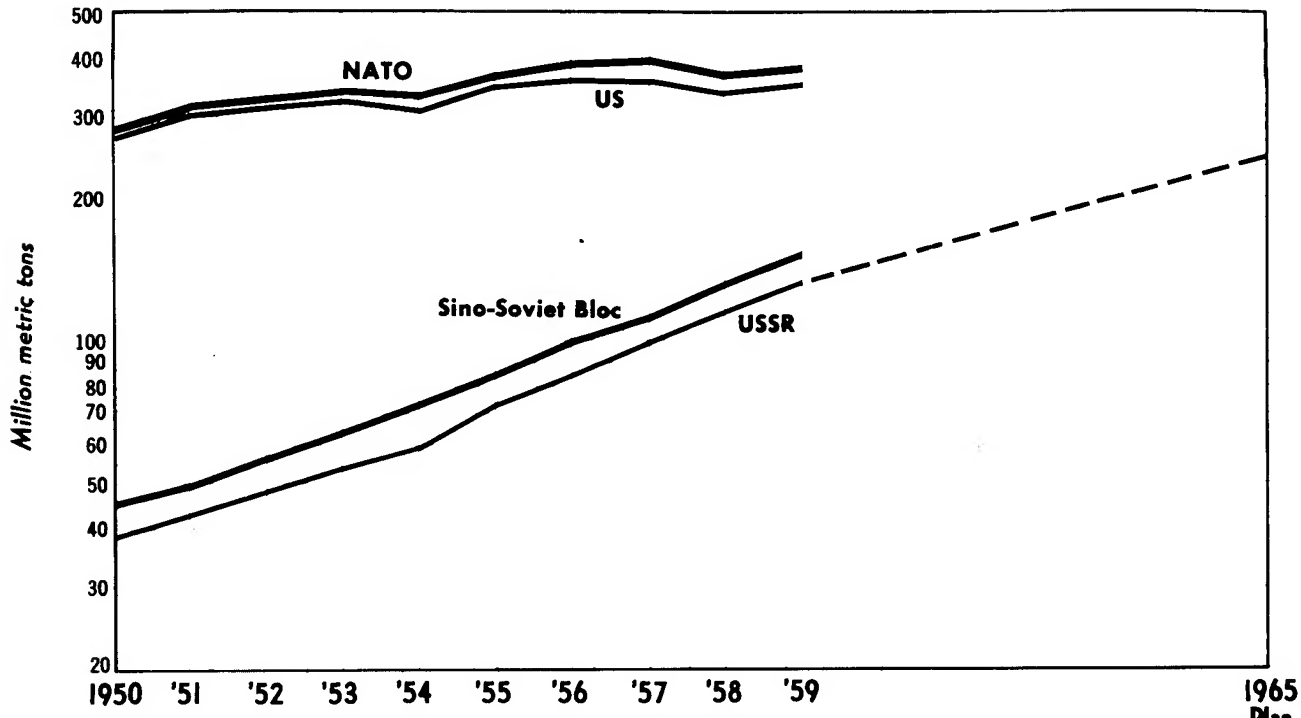




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Table 22
Production of Crude Petroleum [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **276,000*** | **363,000*** | **389,000*** | **392,000*** | **367,000*** | **387,000*** | |
| US | 270,352* | 340,332* | 358,531* | 358,462* | 335,460* | 352,107* | |
| Sino-Soviet Bloc [c] | **44,000** | **84,600** | **97,900** | **113,000** | **129,000*** | **147,000** | |
| USSR | 37,900* | 70,793* | 83,806* | 98,346* | 113,205* | 129,500* | 243,000 [d] |
| Communist China [e] | 203* | 966* | 1,163* | 1,455* | 2,260* | 3,700* | |
| European Satellites | **5,920** | **12,800** | **12,900** | **12,900** | **13,100*** | **13,400** | |
| Albania | 132 | 208 | 266 | 490 | 403* | 479* | 2,000* [f] |
| Bulgaria | 0* | 150* | 247* | 285* | 220* | 189 | 200 [d] |
| Czechoslovakia | 63* | 107* | 108* | 108* | 106* | 123* | 125 [d] |
| East Germany | 0* | *Negl.* | *Negl.* | *Negl.* | 5* | 5 | |
| Hungary | 512* | 1,601* | 1,202* | 675* | 829* | 1,036* | 1,680* |
| Poland | 162* | 180* | 184* | 181* | 175* | 175* | 170* [g] |
| Rumania | 5,047* | 10,555* | 10,920* | 11,180* | 11,336* | 11,438* | 12,000 [d] |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada | 22,674* | 25,019* | Netherlands | 1,549* | 1,693* | UK | 80* | 82* |
| France | 1,368* | 1,540* | Turkey | 326* | 358* | West Germany | 4,401* | 4,962* |
| Italy | 1,433* | 1,693* | | | | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Argentina | 4,908* | 5,976* | Iran | 41,282* | 46,250* | Peru | 2,566* | 2,403* |
| Austria | 2,678* | 2,313* | Iraq | 36,455* | 41,850* | Qatar | 8,687* | 8,580* |
| Bahrein | 2,037* | 2,257* | Kuwait | 69,815* | 69,500* | Saudi Arabia | 50,751* | 54,770* |
| Brunei | 5,418* | 5,479* | Kuwait Neutral Zone | 4,037* | 5,691* | Trinidad | 5,117* | 5,537* |
| Colombia | 6,569* | 7,233* | | | | Venezuela | 130,246* | 138,397* |
| Indonesia | 16,262* | 18,283* | Mexico | 12,813* | 14,493* | Yugoslavia | 448* | 554* |

[a] Unless otherwise indicated, data refer to crude petroleum including shale oil but excluding natural gasoline.
[b] Excluding Belgium, Denmark, Greece, Iceland, Luxembourg, Norway, and Portugal.
[c] Excluding production of synthetic crude oil except for Communist China.
[d] Estimated production for 1965.
[e] Including production of natural and synthetic crude oil.
[f] Estimated production for 1965 is 700,000 metric tons.
[g] Estimated production for 1965 is 200,000 metric tons.



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Table 23
Production of Natural Gas
1950, 1955–59, and 1965 Plan

Million Cubic Meters

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 181,000* | 275,000* | 295,000* | 315,000* | 324,000* | 339,000* | |
| US | 177,888* | 266,316* | 284,976* | 302,436* | 308,256* | 320,485* | |
| Sino-Soviet Bloc | 9,600* | 16,300* | 20,000* | 27,500* | 38,400* | 47,000 | |
| USSR | 5,760* | 8,979* | 12,069* | 18,583* | 28,063* | 35,500 | 148,280* |
| European Satellites | 3,840* | 7,290* | 7,930* | 8,920* | 10,400* | 11,500 | |
| Czechoslovakia | 33* | 173* | 274* | 772* | 1,246* | 1,700 | 3,000 [b] |
| East Germany | 0 | 10* | 12* | 25* | 36* | 40 | 100 [b] |
| Hungary | 381* | 545* | 452* | 411* | 375* | 330 | 400 |
| Poland | 182* | 393* | 436* | 419* | 384* | 424* | 1,310* |
| Rumania | 3,243* | 6,169* | 6,756* | 7,297* | 8,313* | 9,000 | 12,000 [b] |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada | 9,528* | 9,828* | Italy | 5,184* | 6,119* | West Germany | 348* | 384* |
| France | 1,056* | 2,616* | | | | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Austria | 821* | 1,086* | Japan | 367* | 505* | Venezuela | 3,936* | 4,124* |
| Indonesia [c] | 2,088* | *N.A.** | Mexico [c] | 6,000* | 6,015* | | | |

[a] Including for all years, Canada, France, Italy, the US, and West Germany.
[b] Estimated production for 1965.
[c] Total production, including gas for repressuring and gas wasted.



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Table 24
Production of Petroleum Products [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 322,000* | 470,000* | 505,000* | N.A.* | N.A.* | N.A.* | |
| US [c] | 272,300* | 355,300* | 378,100* | 378,400* | 366,000* | *N.A.** | |
| Sino-Soviet Bloc [d] | 41,200 | 79,600 | 91,600 | 105,000 | 116,000 | 130,000 | |
| USSR [e] | 33,400 | 62,900 | 74,200 | 85,600 | 95,700 | 107,100 | 187,800 [f] |
| Communist China | 170 | 1,197 | 1,376 | 1,698 | 2,715 | 3,945 | |
| European Satellites | 7,590 | 15,500 | 16,000 | 17,200 | 17,900 | 18,800 | |
| Albania | *Negl.* | 65 | 90 | 225 | 290* | 300 | |
| Bulgaria | 5* | 39* | 59* | 78* | 80* | 100 | |
| Czechoslovakia | 560* | 1,035* [g] | 1,180* [g] | 1,380* [g] | 1,580* [g] | 1,820 | |
| East Germany | 1,320 | 2,100 | 2,305 | 2,650 | 2,700 | 2,900 | |
| Hungary | 510* | 1,500* | 1,300* | 1,620* | 1,860* | 2,105 | |
| Poland | 280* | 675* | 710* | 745* | 755* | 780 | |
| Rumania | 4,915* | 10,130* | 10,370* | 10,530* | 10,620* | 10,800 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium [h] | 5,060* | 6,240* | Netherlands | 14,080* | 14,460* | Turkey | 280* | 300* |
| Denmark | 40* | 40* | Norway | 100* | 80* | UK [i] | 25,570* | 30,240* |
| France | 22,820* | 27,370* | Portugal | 960* | 1,120* | West Germany | 10,760* | 13,860* |
| Italy | 19,150* | 22,510* | | | | | | |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|
| Austria | 1,980* | 1,760* | Sweden | 2,120* | 2,160* |

[a] Data presented in this table are not intended to be totals of data in Tables 25 through 29 (pp. 26 through 30, below), because this table includes some minor miscellaneous products that are not in any of the following tables.

[b] Excluding for all years, Iceland and Luxembourg, and for 1950, Greece. Unless otherwise indicated, data refer to the total production less consumption at the refineries. Synthetic products and substitute fuels are excluded.

[c] Including products obtained from natural gasoline treated in refineries.

[d] Data for the Sino-Soviet Bloc include production from indigenous and imported natural crude oil and from synthetic sources.

[e] Excluding relatively small yields of synthetic stocks.

[f] Estimated plan for 1965.

[g] Including alcohol and benzol blended with motor gasoline.

[h] Including internal consumption at the refineries.

[i] Including substitute fuels.



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Table 25
Production of Gasoline [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 130,000* | 186,000* | 195,000* | 200,000* | 201,000* | N.A.* | |
| US [c] | 116,637* | 155,602* | 163,229* | 168,070* | 166,270* | 175,066* | |
| Sino-Soviet Bloc [d] | 9,710 | 19,900 | 24,000 | 25,800 | 26,800 | 29,400 | |
| USSR [e] | 7,200 | 15,700 | 19,600 | 20,900 | 21,500 | 23,400 | 30,800 [f] |
| Communist China | 46 | 249 | 320 | 474 | 823 | 1,211 | |
| European Satellites | 2,460 | 3,980 | 4,110 | 4,390 | 4,460 | 4,740 | |
| Albania | *Negl.* | 5 | 7 | 21 | 30* | 35 | |
| Czechoslovakia | 190* | 350* [g] | 360* [g] | 380* [g] | 400* [g] | 450 | |
| East Germany | 480 | 670 | 685 | 750 | 750 | 840 | |
| Hungary | 190* | 190* | 150* | 250* | 270* | 300 | |
| Poland | 100* | 130* | 160* | 190* | 195* | 215 | |
| Rumania | 1,500* | 2,640* | 2,750* | 2,800* | 2,820* | 2,900 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium [h] | 1,140* | 1,240* | Italy | 3,090* | 3,450* | Turkey | 80* | 70* |
| Canada | 10,240* | 10,130* | Netherlands | 2,740* | 2,880* | UK [i] | 6,000* | 6,860* |
| France | 5,420* | 5,980* | Portugal | 240* | 300* | West Germany | 3,140* | 3,720* |

Other Countries

| Country | 1956 | 1957 | Country | 1956 | 1957 | Country | 1956 | 1957 |
|---|---|---|---|---|---|---|---|---|
| Bahrein | 1,628* | 1,305* | Mexico | 2,124* | 2,455* | Saudi Arabia | 1,279* | 1,048* |
| Indonesia | 2,441* | 2,403* | Netherlands Antilles [j] | 4,027* | 3,801* | Venezuela | 3,352* | 4,046* |
| Japan | 2,246* | 2,793* | | | | | | |

[a] Unless otherwise indicated, including motor and aviation gasoline but excluding jet fuel.
[b] Excluding for all years, Denmark, Greece, Iceland, and Luxembourg, and for 1957–58, Norway.
[c] Including products obtained from natural gasoline treated in refineries.
[d] Data for the Sino-Soviet Bloc include production of gasoline from indigenous and imported natural crude oil and from synthetic sources.
[e] Excluding relatively small yields of synthetic stocks.
[f] Estimated plan for 1965.
[g] Including alcohol and benzol blended with gasoline.
[h] Including jet fuel.
[i] Including substitute fuels.
[j] Exports.



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Table 26
Production of Kerosine and Jet Fuel [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 17,400* | 28,600* | 31,400* | 28,800* | N.A.* | N.A.* | |
| US | 15,391* | 22,569* | 24,665* | 22,370* | 23,855* | 26,441* | |
| Sino-Soviet Bloc [c] | 8,230 | 13,100 | 13,800 | 14,700 | 15,300 | 16,900 | |
| USSR [d] | 7,300 | 11,300 | 12,000 | 12,700 | 13,200 | 14,600 | 23,700 [e] |
| Communist China | 12 | 112 | 143 | 188 | 228 | 350 | |
| European Satellites | 915 | 1,650 | 1,700 | 1,770 | 1,860 | 1,920 | |
| Albania | *Negl.* | 2 | 4 | 13 | 15* | 15 | |
| Bulgaria | 0* | 0* | *Negl.** | 5* | *Negl.** | *Negl.* | |
| Czechoslovakia | 50* | 85* | 97* | 110* | 112* | 120 | |
| East Germany | 10 | 110 | 130 | 145 | 150 | 160 | |
| Hungary | 80* | 60* | 60* | 50* | 50* | 40 | |
| Poland | 40* | 30* | 20* | 5* | 8* | 10 | |
| Rumania | 735* | 1,360* | 1,390* | 1,440* | 1,530* | 1,570 | |

NATO Countries

| Country | 1956 | 1957 | Country | 1956 | 1957 | Country | 1956 | 1957 |
|---|---|---|---|---|---|---|---|---|
| Belgium [f] | 181* | 170* | Italy | 1,135* | 1,018* | UK | 883* | 853* |
| Canada | 2,463* | 2,350* | Netherlands | 741* | 900* | West Germany | 212* | 102* |
| France | 972* | 839* | Portugal | 193* | 209* | | | |

Other Countries

| Country | 1956 | 1957 | Country | 1956 | 1957 | Country | 1956 | 1957 |
|---|---|---|---|---|---|---|---|---|
| Bahrein | 1,129* | 949* | Mexico [g] | 982* | 1,034* | Saudi Arabia | 775* | 902* |
| Indonesia | 1,658* | 1,675* | Netherlands Antilles [h] | 3,065* | 3,185* | Venezuela | 1,109* | 1,139* |
| Japan | 738* | 987* | | | | Yugoslavia [g] | 29* | 36* |

[a] Unless otherwise indicated, data refer to kerosine and jet fuel.
[b] Excluding Denmark, Greece, Iceland, Luxembourg, Norway, and Turkey.
[c] Data for the Sino-Soviet Bloc include production of kerosine from indigenous and imported natural crude oil and from synthetic sources.
[d] Excluding relatively small yields of synthetic stock but including ligroine.
[e] Estimated plan for 1965.
[f] Excluding gasoline types of jet fuel.
[g] Kerosine only.
[h] Exports.



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Table 27
Production of Diesel Fuel
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 28,200* | 58,200* | 61,800* | 61,300* | 66,100* | N.A.* | |
| US [b] | 14,034* | 22,680* | 24,234* | 24,583* | 26,127* | *N.A.** | |
| Sino-Soviet Bloc [c] | 5,080 | 14,200 | 17,700 | 23,300 | 29,400 | 32,300 | |
| USSR [d] | 3,600 | 10,900 | 14,200 | 19,200 | 24,700 | 27,000 | 43,000 [e] |
| Communist China | 7 | 57 | 68 | 105 | 242 | 385 | |
| European Satellites | 1,470 | 3,270 | 3,450 | 4,020 | 4,440 | 4,880 | |
| Albania | *Negl.* | 7 | 9 | 38 | 50* | 50 | |
| Bulgaria | 0* | 5* | 12* | 14* | 17* | 20 | |
| Czechoslovakia | 150* | 400* | 490* | 650* | 810* | 950 | |
| East Germany | 410 | 750 | 830 | 930 | 1,040 | 1,130 | |
| Hungary | 120* | 350* | 330* | 460* | 520* | 640 | |
| Poland | 60* | 130* | 140* | 170* | 197* | 205 | |
| Rumania | 730* | 1,630* | 1,640* | 1,760* | 1,810* | 1,890 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 1,260* | 1,590* | Italy | 4,350* | 4,670* | Turkey | 10* | 40* |
| Canada [f] | 14,240* | 13,370* | Netherlands | 3,200* | 3,360* | UK | 5,140* | 6,390* |
| France | 5,210* | 6,570* | Portugal | 140* | 160* | West Germany | 3,200* | 3,820* |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|
| Austria | 650* | 600* | Sweden | 440* | 460* |

[a] Excluding Denmark, Greece, Iceland, Luxembourg, and Norway. Data refer to production of gas-diesel oil, except in the US and Canada (see footnotes for individual countries).
[b] Sales of diesel fuel oil on the basis of all categories of use.
[c] Data for the Sino-Soviet Bloc include production of diesel fuel from indigenous and imported natural crude oil and from synthetic sources.
[d] Total of light and heavy types, excluding relatively small yields of synthetic stocks.
[e] Estimated plan for 1965.
[f] Including gas-diesel oil and fuel oil.



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Table 28
Production of Lubricating Oils [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 8,940* | 10,000* | 10,800* | 10,200* | N.A.* | N.A.* | |
| US | 7,287* | 7,864* | 8,340* | 7,848* | 7,225* | 7,903* | |
| Sino-Soviet Bloc [c] | 2,070 | 3,380 | 4,130 | 5,000 | 5,480 | 5,940 | |
| USSR | 1,700 | 2,700 | 3,400 | 4,200 | 4,600 | 5,000 | 7,600 |
| Communist China | 5 | 31 | 33 | 37 | 81 | 120 | |
| European Satellites | 365 | 649 | 697 | 759 | 795 | 817 | |
| Albania | *Negl.* | 1 | 2 | 6 | 10* | 10 | |
| Bulgaria | 5* | 18* | 15* | 18* | 20* | 22 | |
| Czechoslovakia | 70* | 100* | 120* | 130* | 140* | 150 | |
| East Germany | 100 | 150 | 170 | 175 | 180 | 180 | |
| Hungary | 30* | 80* | 80* | 100* | 90* | 85 | |
| Poland | 30* | 140* | 150* | 150* | 145* | 150 | |
| Rumania | 130* | 160* | 160* | 180* | 210* | 220 | |

NATO Countries

| Country | 1956 | 1957 | Country | 1956 | 1957 | Country | 1956 | 1957 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 24* | 29* | Greece | 5* | 9* | Norway | 16* | 15* |
| Canada | 313* | 320* | Italy | 168* | 146* | UK | 789* | 755* |
| France | 592* | 568* | Netherlands | 142* | 175* | West Germany | 397* | 352* |

Other Countries

| Country | 1956 | 1957 | Country | 1956 | 1957 | Country | 1956 | 1957 |
|---|---|---|---|---|---|---|---|---|
| Japan | 403* | 454* | Venezuela | 169* | 160* | Yugoslavia | 32* | 42* |
| Netherlands Antilles [d] | 700* | 612* | | | | | | |

[a] Unless otherwise indicated, data refer to lubricating oils made at refineries and in the lubricating oil industry and exclude solid lubricants.

[b] Excluding for all years, Denmark, Iceland, Luxembourg, Portugal, and Turkey, and for 1950, Greece and Norway.

[c] Data for the Sino-Soviet Bloc include production of lubricating oils from indigenous and imported natural crude oil and from synthetic sources.

[d] Exports.



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Table 29
Production of Residual and Other Petroleum Products
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 84,500* | 107,000* | 113,000* | 118,000* | 118,000* | N.A.* | |
| US | 65,418* | 64,666* | 65,646* | 63,947* | 55,901* | 53,523* | |
| Sino-Soviet Bloc [b] | 16,100 | 29,000 | 31,900 | 35,800 | 39,400 | 45,400 | |
| USSR [c] | 13,600 | 22,300 | 25,000 | 28,600 | 31,700 [d] | 37,100 | 82,700 [d] |
| Communist China | 100 | 748 | 812 | 894 | 1,341 | 1,879 | |
| European Satellites | 2,400 | 5,990 | 6,050 | 6,290 | 6,320 | 6,450 | |
| Albania | 20 [e] | 50 | 68 | 147 | 185* | 190 | |
| Bulgaria | 0* | 16* | 32* | 41* | 43* | 58 | |
| Czechoslovakia | 100* | 100* | 110* | 110* | 120* | 150 | |
| East Germany | 320 | 420 | 490 | 650 | 580 | 590 | |
| Hungary | 90* | 820* | 680* | 760* | 930* | 1,040 | |
| Poland | 50* | 245* | 240* | 230* | 210* | 200 | |
| Rumania | 1,820* | 4,340* | 4,430* | 4,350* | 4,250* | 4,220 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 2,070* | 2,590* | Italy | 9,620* | 11,900* | Turkey | 160* | 170* |
| Canada [f] | 14,240* | 13,370* | Netherlands | 6,260* | 6,040* | UK [g] | 10,610* | 12,780* |
| France | 8,630* | 11,010* | Portugal | 340* | 360* | West Germany | 2,280* | 3,780* |

Other Countries

| Country | 1956 | 1957 | Country | 1956 | 1957 |
|---|---|---|---|---|---|
| Netherlands Antilles [h] | 25,153* | 22,835* | Venezuela | 19,061* | 20,805* |

[a] Excluding for all years, Denmark, Greece, Iceland, Luxembourg, and Norway, and for 1950, Turkey. Unless otherwise indicated, data refer to residual fuel oils only.

[b] Data for the Sino-Soviet Bloc include production from indigenous and imported natural crude oil and from synthetic sources.

[c] Excluding relatively small yields of synthetic stocks.

[d] Yield of furnace mazut in 1958 was 30 million metric tons. Planned yields for 1965 include 67 million metric tons of furnace mazut and 11 million metric tons of fleet mazut.

[e] 1949.

[f] Including gas-diesel oil.

[g] Including substitute fuels.

[h] Exports.



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Table 30
Production of Iron Ore [a]
1950, 1955–1959, and 1965 Plan

Million Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 160* | 208* | 213* | 228* | 181* | 181* | |
| US [c] | 99.60* | 104.65* | 99.42* | 107.86* | 69.04* | 59.99* | |
| Sino-Soviet Bloc [d] | 46.4* | 88.8* | 102* | 112* | 178* | 188 | |
| USSR | 39.70* | 71.90* | 78.10* | 84.20* | 88.80* | 94.30* | 150.00 to 160.00* |
| Communist China | 2.35* | 9.60* | 15.48* | 19.37* | 80.00* | 83.00* | |
| North Korea | 0.74* | 0.14* | 0.54* | 0.85* | 1.24* | 2.16* | |
| North Vietnam | 0* | 0* | *N.A.* | *N.A.* | 0.12 | 0.12 | |
| European Satellites | 3.60* | 7.16* | 7.55* | 7.53* | 7.98* | 8.45 | |
| Albania [e] | 0* | 0* | 0* | 0* | 0.09* | 0.18* | |
| Bulgaria | 0.05* | 0.11* | 0.24* | 0.27* | 0.30* | 0.38* | 1.20* |
| Czechoslovakia | 1.60* | 2.49* | 2.54* | 2.81* | 2.80* | 2.97* | 4.30* |
| East Germany | 0.40* | 1.66* | 1.76* | 1.48* | 1.51* | 1.45 | |
| Hungary | 0.37* | 0.35* | 0.35* | 0.33* | 0.37* | 0.44* | 0.68* |
| Poland | 0.79* | 1.90* | 1.97* | 1.99* | 2.17* | 1.98* | |
| Rumania | 0.39* | 0.64* | 0.69* | 0.64* | 0.74* | 1.06* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 0.12* | 0.14* | Luxembourg | 6.64* | 6.50* | Turkey [h] | 0.52* | 0.47* |
| Canada [f] | 14.27* | 22.18* | Norway [g] | 1.60* | 1.70* | UK | 14.87* | 15.11* |
| France | 59.46* | 60.90* | Portugal | 0.23* | 0.24* | West Germany | 12.64* | 12.97* |
| Italy | 1.29* | 1.24* | | | | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Austria | 3.41* | 3.38* | Japan | 2.09* | 2.48* | Sweden | 18.40* | 18.29* |
| India | 6.13* | 7.80* | Spain | 4.91* | *N.A.** | Venezuela | 15.48* | *N.A.** |

[a] Unless otherwise indicated, data refer to the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites.

[b] Excluding for all years, Denmark, Greece, Iceland, and the Netherlands, and for 1950, Portugal. Metal content of ore in the NATO countries and other Free World countries is as follows: Austria, Luxembourg, the UK, and West Germany, 30 percent; Belgium and France, 35 percent; Italy, Portugal, Spain and the US, 50 percent; Canada and Japan, 55 percent; Sweden, 60 percent; and India, Norway, Turkey and Venezuela, 65 percent.

[c] Excluding manganiferous iron ore containing 5 percent or more of manganese.

[d] Metal content of ore in selected Sino-Soviet Bloc countries is as follows: USSR, commercial grade; North Korea, 50 percent; Bulgaria, 49 percent; Czechoslovakia, 34 percent; East Germany, 26 to 28 percent; Hungary, 28 percent; Poland, 35 percent; and Rumania, 40 percent.

[e] Iron-nickel ore that is mined for its nickel content.

[f] Shipments.

[g] Including ferro-titanium (10 percent of the total in 1958).

[h] Production of state-owned mines only (57 percent of the total in 1958).



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Table 31
Production of Manganese Ore [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 175* | 396* | 430* | 457* | 392* | N.A.* | |
| US [c] | 122* | 261* | 313* | 332* | 293* | *N.A.** | |
| Sino-Soviet Bloc | 3,810* | 5,780 | 5,970 | 6,290 | 6,460 | 6,900 | |
| USSR | 3,377* | 4,743* | 4,938* | 5,148* | 5,366* | 5,500 | 6,875* |
| Communist China | 88* | 196 | 400 | 469 | 534* | 870* | |
| European Satellites | 347* | 843* | 628* | 672* | 558 | 530 | |
| Bulgaria | 8* | 63* | 77* | 81* | 28* | *N.A.* | |
| Czechoslovakia | 168* | 260* | 201* | 164* | 165* | 165 | |
| Hungary | 79* | 130* | 115* | 162* | 165 | 165 | |
| Rumania | 93* | 390* | 235* | 265* | 200* | 200 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Greece | 16* | 20* | Portugal | 5* | 5* | Turkey | 57* | 30* |
| Italy | 47* | 43* | | | | | | |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgian Congo | 367* | 331* | Ghana [d] | 652* | 521* | Southern Morocco | 492* | 410* |
| Brazil [d] | 918* | 695* | India | 1,681* | 1,250* | Union of South Africa | 715* | 847* |
| Cuba [d] | 134* | 69* | Japan | 289* | 276* | | | |

[a] Metal content of the ore of the various countries is as follows: the US, more than 35 percent; other Free World countries, 30 to 50 percent; the USSR, 45 percent; Communist China, more than 35 percent; Bulgaria (1950 and 1955) and Rumania, 30 percent; Czechoslovakia, less than 30 percent; and Bulgaria (1956–58) and Hungary, less than 27 percent.

[b] Including Greece, Italy, Portugal, Turkey, and the US.

[c] Shipments.

[d] Exports.



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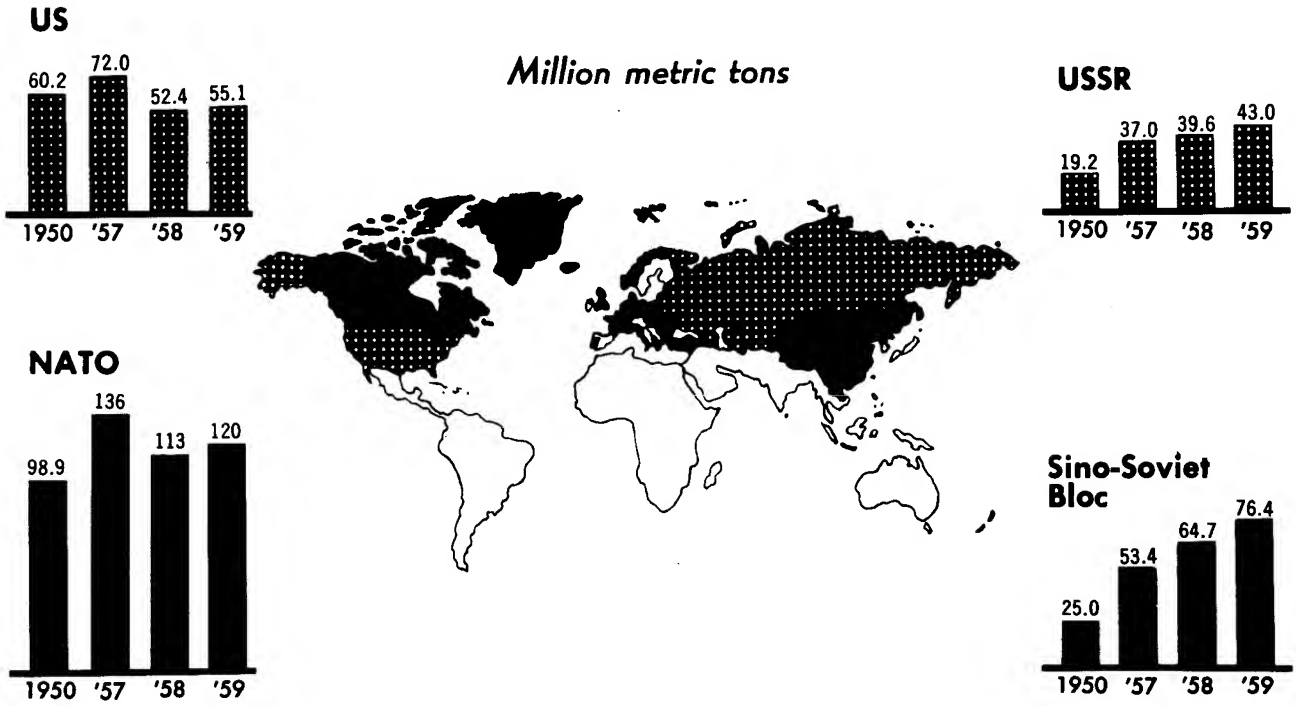
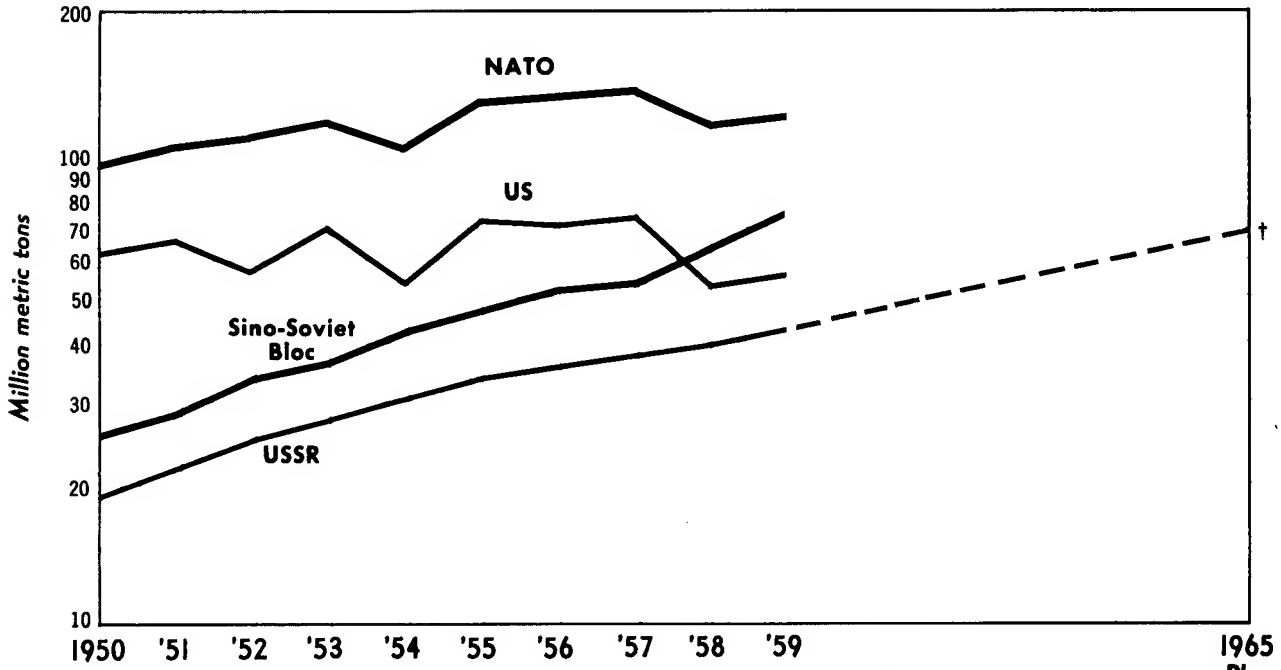
# COMPARISON OF PRODUCTION OF PIG IRON IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN




† *Midpoint of estimated plan for 1965 of 65 million to 70 million metric tons.*

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Table 32
Production of Pig Iron [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 98,900* | 130,000* | 132,000* | 136,000* | 113,000* | 120,000* | |
| US [c] | 60,211* | 71,906* | 70,461* | 71,976* | 52,416* | 55,098* | |
| Sino-Soviet Bloc [c] | 25,000 | 46,100* | 50,300* | 53,400* | 64,700* | 76,400 | |
| USSR | 19,200* | 33,300* | 35,800* | 37,000* | 39,600* | 43,000* | 65,000 to 70,000* |
| Communist China | 978* | 3,872* | 4,826* | 5,940* | 13,690* [d] | 20,500* [e] | |
| North Korea | 190 | 112* | 187* | 270* | 320* | 585* | 4,000* |
| European Satellites | 4,610* | 8,860* | 9,470* | 10,200* | 11,000* | 12,300 | |
| Bulgaria | 3* [f] | 7* [f] | 9* [f] | 56* | 84* | 117* | 700* |
| Czechoslovakia | 1,951* | 2,982* | 3,282* | 3,563* | 3,774* | 4,245* | 7,650* |
| East Germany | 337* | 1,517* | 1,574* | 1,663* | 1,775* | 1,898* | 2,150* |
| Hungary | 461* | 868* | 755* | 823* | 1,082* | 1,085 | 1,600* |
| Poland | 1,533* | 2,920* [g] | 3,263* [g] | 3,430* [g] | 3,592* [g] | 4,080* [g] | 6,620* [g] |
| Rumania | 320* | 570* | 583* | 686* | 737* | 846* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 5,520* | 5,940* | Italy | 2,172* | 2,196* | Saar | 3,084* | 3,204* |
| Canada | 2,880* | 3,912* | Luxembourg | 3,288* | 3,444* | Turkey | 230* | 235* |
| Denmark | 44* | 58* | Netherlands | 913* | 1,140* | UK | 13,188* | 12,780* |
| France | 12,144* | 12,648* | Norway | 522* | 610* | West Germany | 16,752* | 18,516* |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Australia | 2,316* | 2,328* | Japan | 7,692* | 9,840* | Union of South Africa | 1,584* | 1,812* |
| India | 2,148* | *N.A.** | Sweden | 1,324* | 1,404* | Yugoslavia | 780* | 904* |

[a] Unless otherwise indicated, data refer to the total production of pig iron and ferroalloys, including ferroalloys obtained in electric furnaces.

[b] Excluding Greece, Iceland, and Portugal.

[c] Excluding production in electric furnaces.

[d] Including 4.16 million metric tons of "native iron."

[e] Including 9.6 million metric tons of pig iron made in "small modern blast furnaces," of which 5.9 million metric tons were usable for production of steel.

[f] Although the Bulgarian Yearbook lists these data as pig iron, the data probably refer to iron castings because there were no facilities for production of pig iron before 1957.

[g] Polish official data for production of pig iron were expressed in terms of OH pig iron, which increased actual production. These inflated figures were converted into actual production of pig iron by the use of the following factors:

| | |
|---|---|
| pig iron for OH steel | x 1.0 |
| pig iron for foundry steel | x 1.5 |
| spiegeleisen | x 2.5 |
| ferromanganese | x 2.5 |



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Table 33
Production of Crude Steel [a]
1950, 1955–59, and 1965 Plan

Million Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 140* | 184* | 188* | 190* | 160* | 175* | |
| US | 87.85* | 106.17* | 104.52* | 102.25* | 77.34* | 84.77* | |
| Sino-Soviet Bloc | 36.6 | 62.5 | 68.6 | 72.8 | 80.7 | 93.1 | |
| USSR | 27.30* | 45.30* | 48.60* | 51.00* | 54.90* | 59.90* | 86.0 to 91.0* |
| Communist China | 0.60* | 2.85* | 4.46* | 5.35* | 8.00* [c] | 13.35* [d] | |
| North Korea | 0.14 | 0.14* | 0.19 | 0.28* | 0.36* | 0.45* | 3.0 to 3.5* |
| European Satellites | 8.54 | 14.3 | 15.4 | 16.2 | 17.4 | 19.4 | |
| Bulgaria | 0.30 | 0.12 | 0.18 | 0.21 | 0.26 | 0.28 | 0.9 |
| Czechoslovakia | 3.12* | 4.47* | 4.88* | 5.17* | 5.51* | 6.14* | 10.5* |
| East Germany | 1.27* | 2.84* | 3.11* | 3.30* | 3.46* | 3.66* | 5.2* |
| Hungary | 1.05* | 1.63* | 1.42* | 1.38* | 1.63* | 1.74 | 2.4* |
| Poland | 2.52* | 4.43* | 5.01* | 5.30* | 5.63* | 6.16* | 9.0* |
| Rumania | 0.56* | 0.77* | 0.78* | 0.86* | 0.93* | 1.42* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 6.01* | 6.42* | Italy | 6.28* | 6.76* | Saar | 3.48* | 3.61* |
| Canada | 3.96* | 5.38* | Luxembourg | 3.38* | 3.66* | Turkey | 0.16* | 0.21* |
| Denmark | 0.26* | 0.29* | Netherlands | 1.44* | 1.67* | UK | 19.88* | 20.51* |
| France | 14.60* | 15.22* | Norway | 0.37* | 0.42* | West Germany | 22.79* | 25.82* |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Australia [e] | 3.16* | 3.19* | Japan | 12.12* | 16.63* | Union of South Africa [f] | 1.84* | 1.90* |
| India | 1.85* | 2.41* | Sweden | 2.44* | 2.84* | Yugoslavia | 1.12* | 1.30* |

[a] Unless otherwise indicated, data refer to the total production of ingots and steel for castings.
[b] Excluding Greece, Iceland, and Portugal.
[c] Excluding production from native furnaces.
[d] Including 4.72 million metric tons of steel made in small side-blown converters.
[e] Excluding castings.
[f] Including finished castings.



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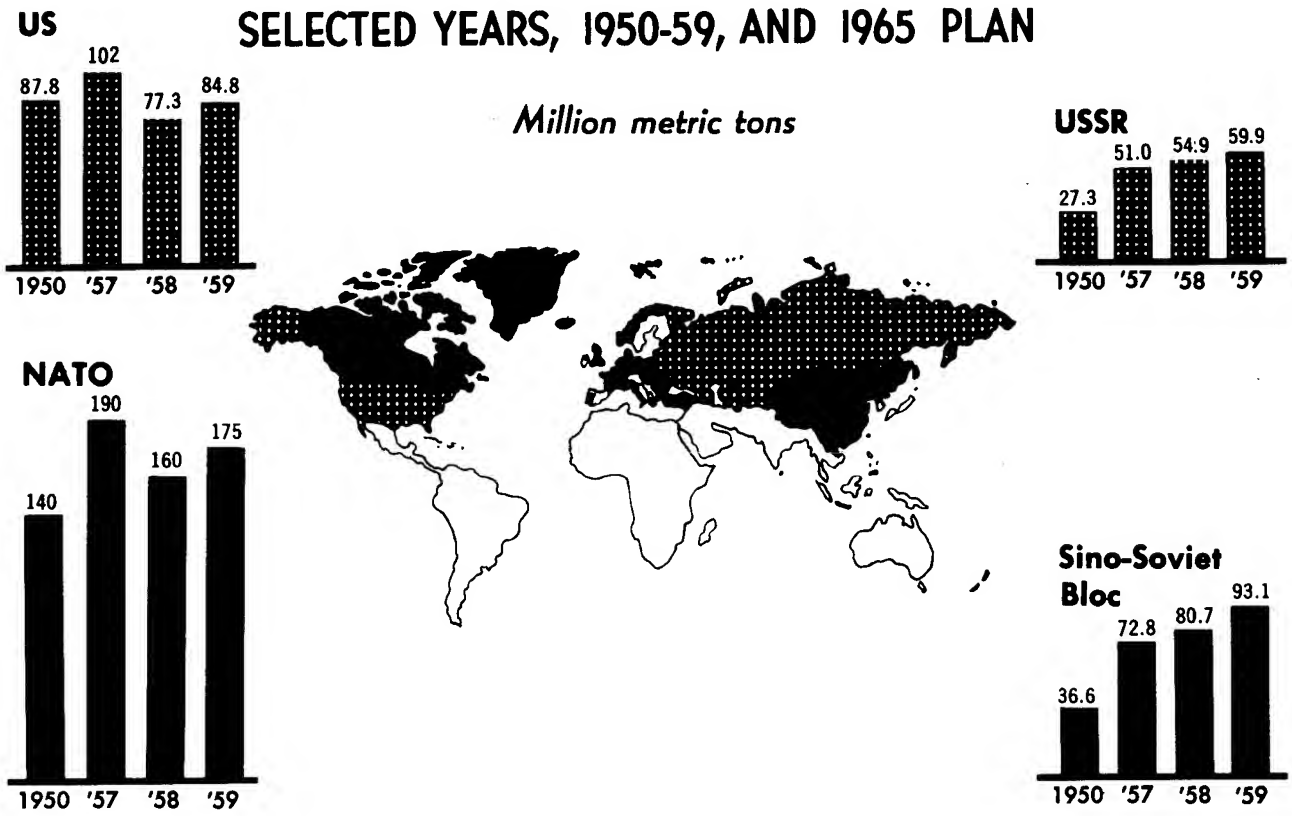
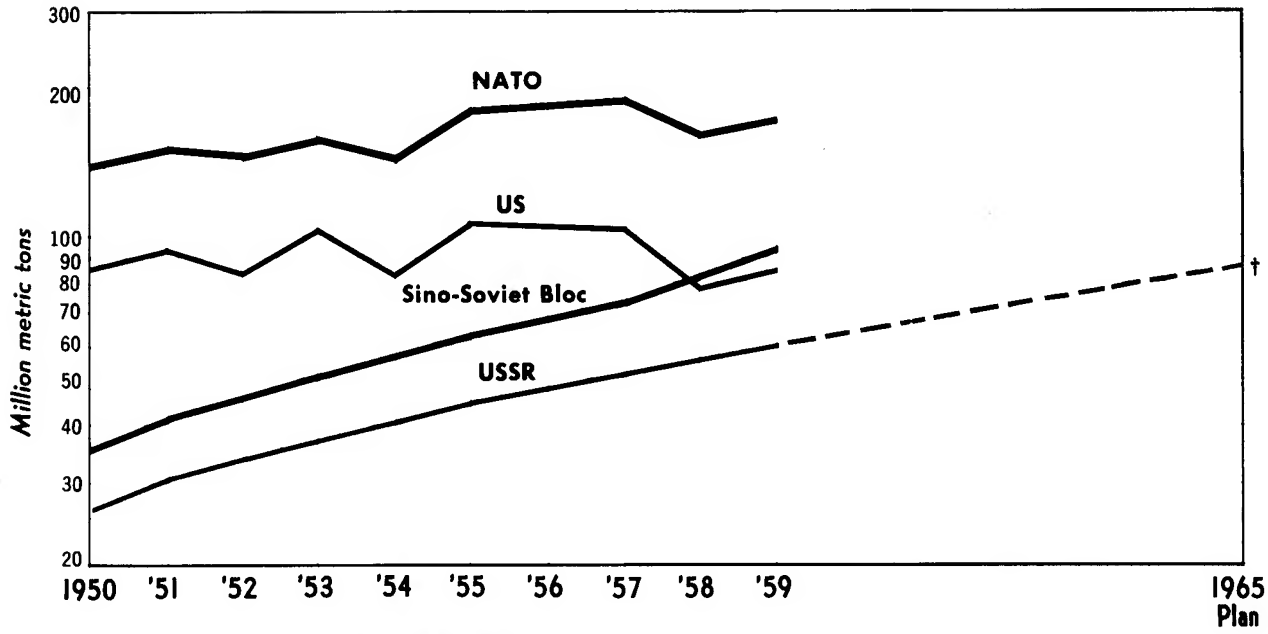
Figure 7

# COMPARISON OF PRODUCTION OF CRUDE STEEL IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN




† *Midpoint of estimated plan for 1965 of 86 million to 91 million metric tons.*

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Table 34
Production of Chrome [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 212* | 376* | 497* | 546* | 274* | N.A.* | |
| US [c] | 0.2* | 53.7* | 77.6* | 58.5* | 52.7* | *N.A.** | |
| Sino-Soviet Bloc [d] | 368 | 406 | 374 | 416 | 461 | 555 | |
| USSR | 338.1 | 304.0 | 310.0 | 337.0 | 367.5 | 439.5 | 735 [e] |
| North Vietnam | 0 | 0 | 1.2 | 0.8 | 2.8* | 3.5* [f] | |
| European Satellites | 30.0 | 102 | 62.8 | 78.6 | 90.6 | 112 | |
| Albania | 23.4* | 54.9 | 59.8 | 75.6 | 90.6* | 111.5* | |
| Bulgaria | 3.0 | 3.0 | 3.0 | 3.0 | *N.A.* | *N.A.* | |
| Rumania | 3.6 | 44.1* | *N.A.* | *N.A.* | 0 | 0 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|
| Greece | 17.8* | 9.3* [g] | Turkey | 470.0* | 212.0* |

[a] Data refer to the estimated chromic oxide ($Cr_2O_3$) content of ores mined. In many instances, data are only of an approximate nature.
[b] Including Greece, Turkey, and the US.
[c] Shipments from mines.
[d] The following percentages were used to reduce the estimates of ores mined in the Sino-Soviet Bloc to show the chromic oxide content: USSR, a part at 35 percent and the remainder at 40 percent; North Vietnam, at 50 percent; Albania and Rumania, at 45 percent; and Bulgaria, at 30 percent.
[e] Estimated production for 1965.
[f] Plan.
[g] Exports.



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Table 35
Production of Tungsten Ore [a]
1950 and 1955–59

Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | 7,620* | 22,500* | 21,400* | 11,800* | 6,900* | N.A.* |
| US [c] | 4,373* | 14,889* | 13,369* | 5,008* | 3,436* | N.A.* |
| Sino-Soviet Bloc | 17,400 | 29,200 | 33,500 | 42,200 | 43,100 | 47,700 |
| USSR | 4,500 | 7,500 | 8,400 | 9,200 | 10,000 | 11,000 |
| Communist China | 11,600* | 20,000 | 23,200* | 30,000 | 30,000* | 33,000* |
| North Korea | 1,284* | 1,527* | 1,606* | 2,750 | 3,000* | 3,600 |
| European Satellites | 0 | 167 | 249 | 234 | 149 | 149 |
| East Germany | 0 | 167 [d] | 249 | 234 | 149 | 149 |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Canada | 1,453* | 522* | Italy | 18* | 10* | UK | 50* | 50* |
| France | 922* | 1,020* | Portugal | 4,315* | 1,867* | | | |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Australia | 2,385* | 1,452* | Brazil [e] | 2,090* | 2,355* | Spain | 1,027* | 923* |
| Belgian Congo | 1,736* | 1,345* | Burma [f] | 2,606* | 1,512* | Thailand | 980* | 658* |
| Bolivia [e] | 4,363* | 3,508* | South Korea | 4,155* | 3,290* | | | |

[a] Unless otherwise indicated, data refer to the estimated tonnage of tungsten trioxide (60-percent-$WO_3$ basis). Data are sometimes only rough estimates obtained by applying a fixed percentage to the figures for production of crude ore or concentrates.
[b] Including Canada, France, Italy, Portugal, the UK, and the US.
[c] Shipments.
[d] Plan.
[e] Exports.
[f] Including $WO_3$ in tin-tungsten concentrates.



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Table 36
Production of Nickel [a]
1950, 1955–59, and 1965 Plan

Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 113,000* | 162,000* | 168,000* | 180,000* | 138,000* | N.A.* | |
| US [c] | 828* | 3,454* | 6,098* | 9,135* | 10,650* | *N.A.** | |
| Sino-Soviet Bloc | 33,900 | 46,100 | 49,200 | 54,200 | 59,600 | 65,200 | |
| USSR | 33,400 | 46,000 | 49,000 | 54,000 | 59,400 | 65,000 | 115,000 [d] |
| North Korea | 29 | 0 | 0 | 0 | 0 | *N.A.* | |
| European Satellites | 448 | 130 | 200 | 168 | 178 | 180* | |
| East Germany | 92 | 130 | 200 | 168 | 178 | 180* | 2,400 [d] |
| Poland | 356 | 0* | 0* | 0* | 0* | 0* | |

NATO Countries

| Country | 1957 | 1958 |
|---|---|---|
| Canada [e] | 170,513* | 127,775* |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Cuba [f] | 20,180* | 17,946* | New Caledonia [g] | 29,937* | 11,800* | Union of South Africa [h] | 4,139* | 3,447* |

[a] Unless otherwise indicated, data refer to production of refined metal obtained from ores and concentrates or from scrap and old material. Metal recovered by mere fusion (without refining) from scrap or old material is excluded.
[b] Including Canada and the US.
[c] Byproduct in electrolytic refining of copper.
[d] Estimated production for 1965.
[e] Comprised of refined nickel and nickel in oxide produced and nickel in matte recovered.
[f] Nickel content of oxide.
[g] Nickel in matte and ferronickel plus estimated recoverable nickel in ore exported.
[h] Nickel content of matte and refined nickel.



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Table 37
Production of Molybdenum [a]
1950, 1955–59, and 1965 Plan

Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 13,000* | 28,600* | 26,600* | 28,100* | 19,100* | N.A.* | |
| US | 12,918* | 28,023* | 26,064* | 27,557* | 18,629* | *N.A.** | |
| Sino-Soviet Bloc | 2,080 | 4,170 | 4,860 | 5,470 | 8,010 | 8,360 | |
| USSR | 1,900 | 2,820 | 3,240 | 3,720 | 4,050 | 4,400 | 9,000 [c] |
| Communist China | 125 | 1,250 | 1,500 | 1,600 | 3,800 | 3,800 | |
| North Korea | 50 | 100 | 125 | 150* | 160* | 160* | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Canada | 356* | 257* | Norway | 180* | 218* | Portugal | 8* | 8* |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|
| Chile | 1,360* | 1,348* | Japan | 272* | 310* |

[a] Data refer to the molybdenum (Mo) content of ores mined.
[b] Including for all years, Canada, Norway, and the US, and for 1955–58, Portugal.
[c] Estimated production for 1965.

Table 38
Production of Cobalt [a]
1950, 1955–59, and 1965 Plan

Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 632* | 2,690* | 3,230* | 3,660* | 3,340* | N.A.* | |
| US | 367* | 1,183* | 1,631* | 1,877* | 2,194* | *N.A.** | |
| Sino-Soviet Bloc [c] | 465 | 935 | 1,020 | 1,100 | 1,200 | 1,400 | |
| USSR | 465 | 935 | 1,020 | 1,100 | 1,200 | 1,400 | 3,600 [d] |

NATO Countries

| Country | 1957 | 1958 |
|---|---|---|
| Canada [e] | 1,779* | 1,144* |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgian Congo | 8,115* | 6,497* | Morocco [f] | 500* | 1,000* | Northern Rhodesia [f] | 1,436* | 1,971* |

[a] Unless otherwise indicated, data refer to the cobalt (Co) content of ores mined.
[b] Including Canada and the US.
[c] Bulgaria began production of cobalt concentrates in 1956, but quantities are not known.
[d] Estimated production for 1965.
[e] Metal, salts, and oxide recovered from smelter products plus cobalt contained in cobalt ore and residues exported.
[f] Cobalt content of cobalt alloys.



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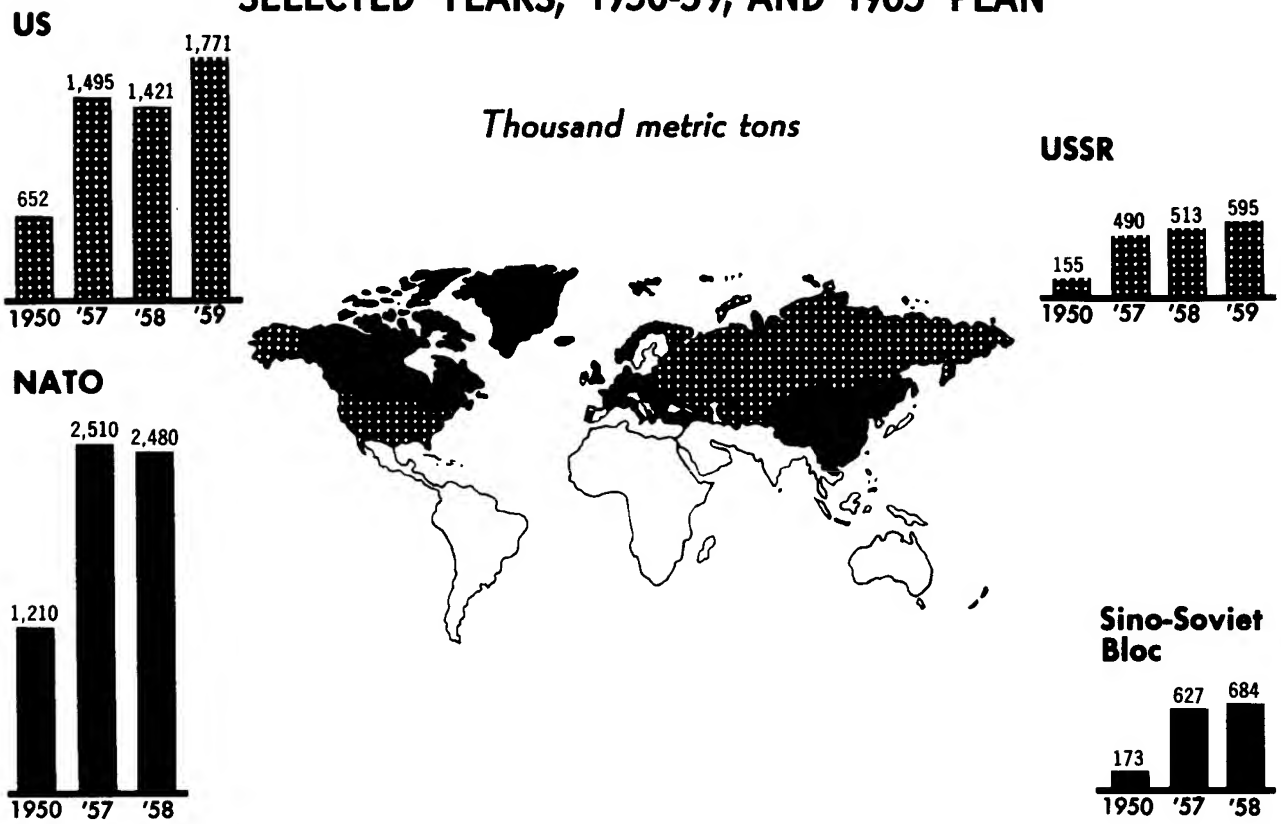
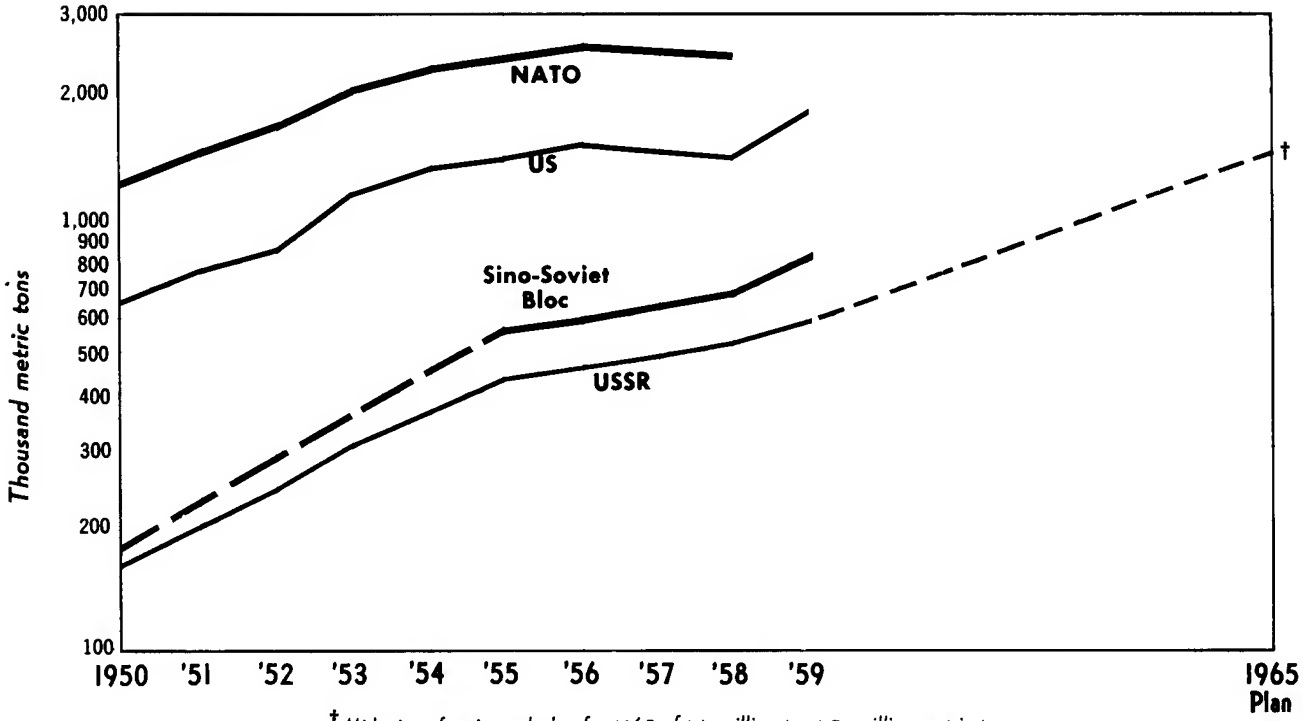
Figure 8

# COMPARISON OF PRODUCTION OF PRIMARY ALUMINUM IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN




† Midpoint of estimated plan for 1965 of 1.4 million to 1.5 million metric tons.

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Table 39
Production of Primary Aluminum [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 1,210* | 2,400* | 2,570* | 2,510* | 2,480* | N.A.* | |
| US | 651.9* | 1,420.4* | 1,523.1* | 1,495.2* | 1,420.8* | 1,771.2* | |
| Sino-Soviet Bloc | 173 | 553 | 597 | 627 | 684 | 810 | |
| USSR | 155.3 | 434.8 | 469.6 | 490.3 | 513.0 | 595.0 [c] | 1,400 to 1,500 [d] |
| Communist China | 0 | 10.0 | 15.0 | 39.0* | 49.0* | 70.0* | 180 |
| European Satellites | 17.5 | 109 | 112 | 98.1 | 122 | 145 | |
| Czechoslovakia | 0* | 24.4* | 21.2* | 16.7* | 26.4* | 41.0 | |
| East Germany | 0.8 | 26.8 | 34.3 | 35.0 | 34.0 | 35.3 | |
| Hungary | 16.7* | 37.0* | 34.8* | 26.0* | 39.5* | 45.7* | 55* |
| Poland | 0 | 20.4* | 21.8* | 20.4* | 22.4* | 22.8* | 75* |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada | 544.8* | N.A.* | Italy | 64.1* | 75.0* | UK [e] | 26.8* | 24.8* |
| France | 169.1* | 173.0* | Norway | 121.6* | 144.8* | West Germany | 136.8* | 151.2* |

[a] Unless otherwise indicated, data refer to production of primary (virgin) aluminum from domestic and imported ores.
[b] Including Canada, France, Italy, Norway, the UK, the US, and West Germany.
[c] Midpoint of estimated production of 590,000 to 600,000 metric tons.
[d] Estimated plan for 1965.
[e] Including the pure content of virgin alloys.

Table 40
Production of Bauxite
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 2,400* | 4,140* | 4,220* | 4,220* | 4,250* | N.A.* | |
| US | 1,356* | 1,817* | 1,772* | 1,439* | 1,332* | N.A.* | |
| Sino-Soviet Bloc | 1,740 | 4,100 | 4,050 | 4,390 | 4,490 | 5,130 | |
| USSR | 1,156 | 2,694 | 2,902 | 3,096 | 3,000 | 3,500 | |
| Communist China [b] | 0 | 110 | 190 | 320 | 360 | 590 | 1,300 [c] |
| European Satellites | 588 | 1,300 | 962 | 978 | 1,130 | 1,040 | |
| Hungary | 578* | 1,241* | 892* | 908* | 1,053* | 957* | |
| Rumania | 10 | 60 | 70 | 70 | 80 | 80 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| France | 1,684* | 1,817* | Italy | 261* | 299* | West Germany | 5* | 5* |
| Greece | 833* | 800* | | | | | | |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| British Guiana | 2,237* | 1,611* | Jamaica | 4,718* | 5,814* | Surinam | 3,377* | 2,988* |

[a] Including France, Greece, Italy, the US, and West Germany.
[b] Consists almost entirely of aluminous shales and clays and hard diaspore rather than of the conventional bauxite used in the Free World.
[c] Estimated production for 1965.



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Table 41
Production of Refined Copper [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 2,050* | 2,410* | 2,550* | 2,500* | 2,440* | 2,290* | |
| US | 1,276.1* | 1,436.1* | 1,545.7* | 1,534.1* | 1.450.2* | 1,222.8* | |
| Sino-Soviet Bloc | 295 | 463 | 476 | 487 | 521 | 561 | |
| USSR | 246.6 | 377.3 | 386.7 | 396.4 | 406.3 | 416.5 | 772.0 |
| Communist China | 5.3 | 15.0 | 14.0 | 14.0 | 35.0 | 56.0 | |
| North Korea | 1.6 | 1.8 | 2.4 | 3.2 | 8.7 | 10.0 | |
| European Satellites | 41.0 | 69.1 | 73.0 | 73.1 | 70.6 | 78.5 | |
| Albania [c] | 0.9* | 0.9* | 0.6* | 0.9* | 1.0* | 1.1* [d] | |
| Bulgaria [e] | 0.1* | 3.8* | 4.6* | 5.1* | 6.1* | 9.0 | 28.3* |
| Czechoslovakia | 1.0 | 5.1 | 5.6 | 6.1 | 6.6 | 7.1 | 15.7* |
| East Germany | 27.8 | 33.3 | 32.8 | 32.8 | 32.5 | 36.9* | |
| Hungary | *N.A.* | 7.8* | 6.1* | 4.3* | 3.0 | 3.0 | |
| Poland | 10.5* | 15.7* | 20.3* | 19.9* | 17.4* | 17.4 | 28.0* |
| Rumania | 0.7 | 2.5 | 3.0 | 4.0 | 4.0 | 4.0 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 155.2* | 187.6* | Italy | 14.7* | 18.6* | Turkey | 12.4* | 6.7* |
| Canada | 298.7* | 330.6* | Netherlands | 0.4* | 0.4* | UK | 196.3* | 195.4* |
| Denmark | 0.3* | 0.4* | Norway | 13.7* | 15.0* | West Germany | 268.2* | 281.8* |
| France | 23.8* | 27.7* | Portugal | 4.9* | 4.9* | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgian Congo | 130.5* | *N.A.** | Chile | 187.8* | 259.6* | Northern Rhodesia | 245.4* | 370.8* |
| | | | Japan | 124.1* | 194.0* | | | |

[a] Unless otherwise indicated, data refer to refined copper produced from domestic and foreign ores and scrap.

[b] Including for all years, Belgium, Canada, France, Italy, Norway, the UK, the US, and West Germany; for 1955–59, Denmark and Turkey; for 1956–59, the Netherlands; and for 1957–59, Portugal.

[c] Blister copper.

[d] Plan.

[e] For 1950 and 1955–58, blister copper. The estimate for 1959 is for production of electrolytic refined copper.



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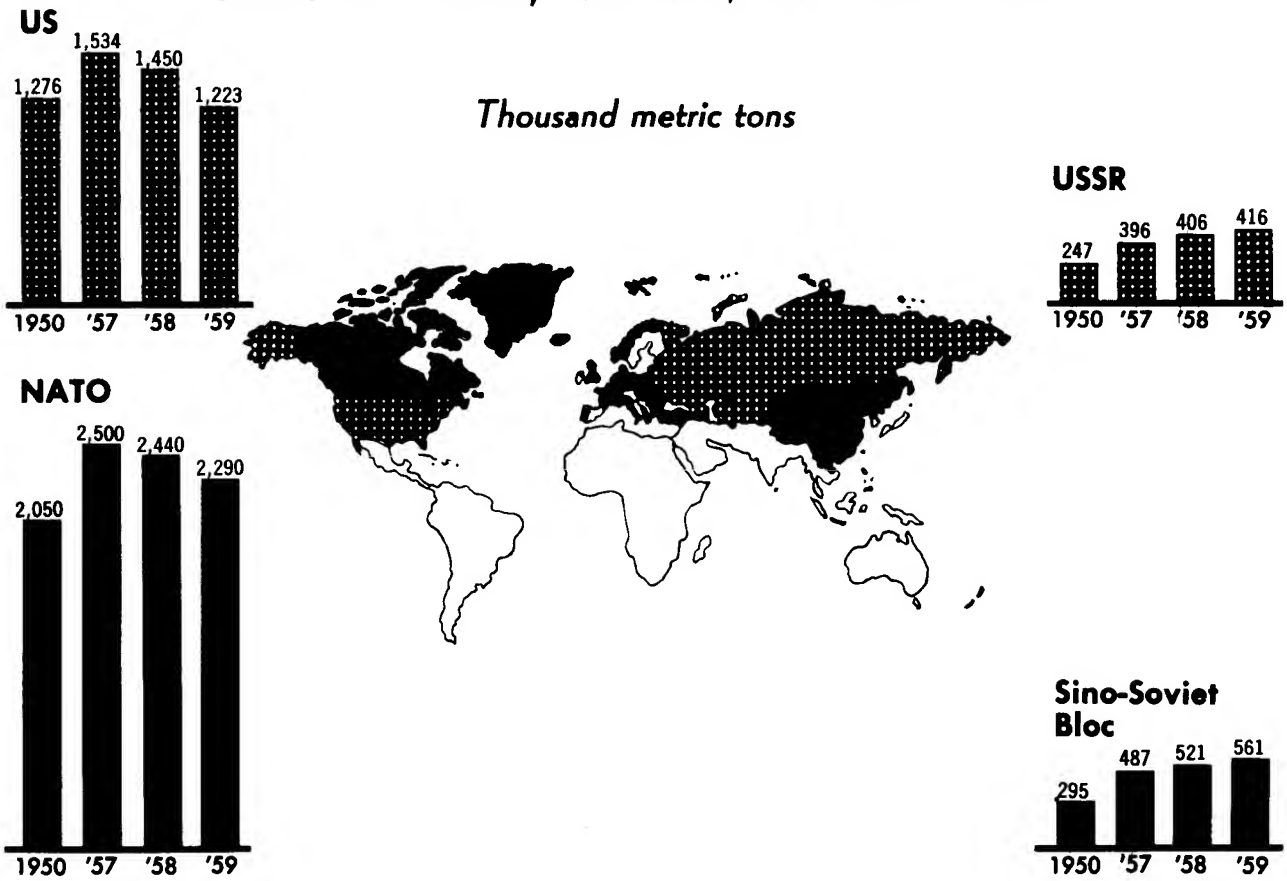
Figure 9

# COMPARISON OF PRODUCTION OF REFINED COPPER IN SELECTED AREAS SELECTED YEARS, 1950-1959, AND 1965 PLAN



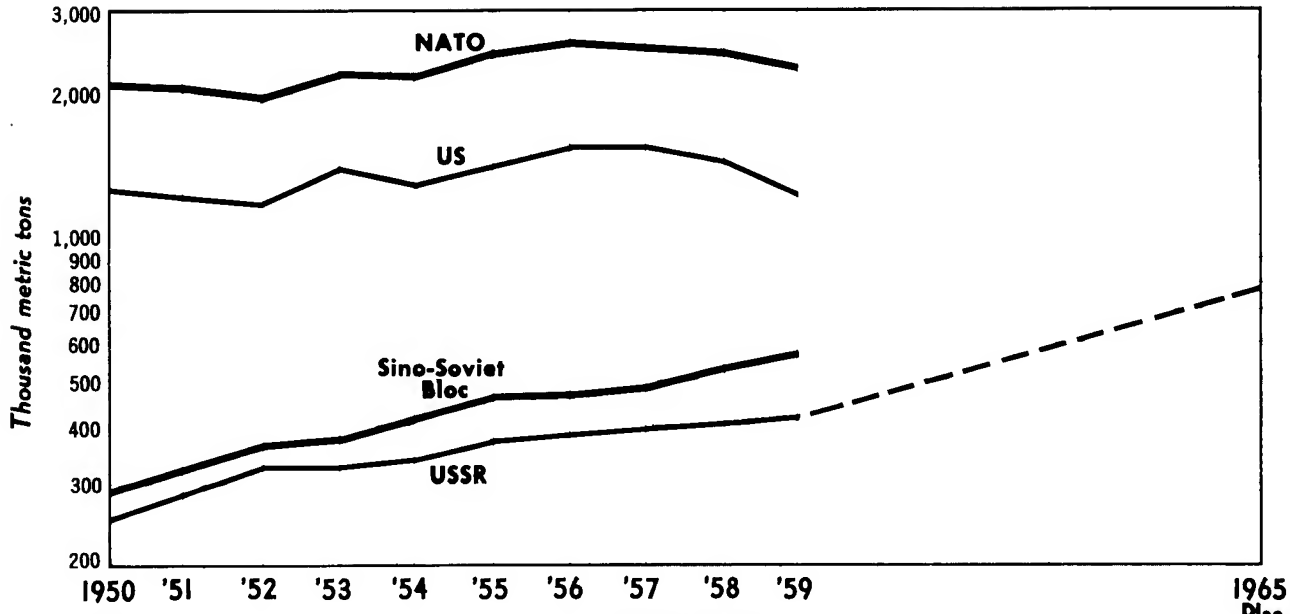




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Table 42
Production of Lead [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **1,070*** | **1,110*** | **1,240*** | **1,230*** | **1,140*** | **1,030*** | |
| US | 575.5* | 510.4* | 600.1* | 583.3* | 511.3* | 396.2* | |
| Sino-Soviet Bloc | **168** | **363** | **391** | **434** | **466** | **533** | |
| USSR | 112.0 | 258.0 | 269.0 | 277.0 | 288.0 | 294.0 | 430.0 [c] |
| Communist China | 2.8 | 16.0 | 17.0 | 31.0 | 45.0 | 70.0 | |
| North Korea | *N.A.* | 7.3 | 15.0 | 17.0 | 18.7* | 43.0 | |
| European Satellites | **53.4** | **81.8** | **90.5** | **108** | **114** | **126** | |
| Bulgaria | 2.8* | 5.1* | 6.0* | 19.3* | 26.1* | 33.0* | 93.0* |
| Czechoslovakia | 7.6 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 17.5* |
| East Germany | 12.2 | 21.4 | 23.5 | 24.5 | 22.5 | 23.3 | |
| Hungary | *N.A.* | *N.A.* | 1.5 | 1.5 | 1.5 | 1.5 | |
| Poland | 22.2* | 34.2* | 35.2* | 35.7* | 35.8* | 38.7 | 52.0* |
| Rumania | 8.6* | 11.1* | 13.3 | 15.5* | 15.5 | 15.5 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium [d] | 93.2* | 87.9* | Greece | 3.8* | 3.5* | Portugal | 1.4* | 1.6* |
| Canada | 120.6* | 122.7* | Italy | 57.4* | 54.8* | Turkey | 1.8* | 1.8* |
| Denmark | 10.1* | 9.1* | Netherlands | 8.3* | 12.0* | UK [e] | 81.5* | 90.4* |
| France | 93.1* | 69.9* | Norway | 1.2* | 1.2* | West Germany | 159.0* | 174.4* |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Australia | 248.6* | 236.7* | Peru | 64.1* | 56.5* | Tunisia | 25.1* | 21.8* |
| Morocco | 33.1* | 28.5* | Spain | 70.5* | 67.8* | Yugoslavia | 84.3* | 75.9* |

[a] Unless otherwise indicated, data refer to production of refined lead from domestic and foreign ores and scrap.
[b] Excluding for all years, Iceland and Luxembourg, and for 1950, Denmark, Norway, and Turkey.
[c] Estimated plan for 1965.
[d] Including primary antimonial lead.
[e] Excluding production of refined lead from imported bullion.



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Table 43
Smelter Production of Tin Metal [a]
1950 and 1955–59

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | 93.8* | 89.3* | 85.2* | 78.2* | 66.6* | 56.6* |
| US | 32.7* | 22.7* | 17.9* | 1.6* | 5.3* | 10.9* |
| Sino-Soviet Bloc | 14.3 | 31.2 | 33.5 | 41.9 | 47.0 | 52.0 |
| USSR | 8.1 | 12.6 | 13.8 | 15.0 | 16.0 | 17.0 |
| Communist China | 6.0 | 18.0 | 19.0 | 26.0 | 30.0 | 34.0 |
| North Vietnam | 0 | 0 | 0 | 0.1 | 0.2 | 0.3 |
| East Germany | 0.2 | 0.6 | 0.7 | 0.8 | 0.8 | 0.7 |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 8.9* | 6.0* | Portugal | 1.3* | 1.2* | West Germany | 0.7* | 1.0* |
| Netherlands | 17.4* | 9.7* | UK [c] | 33.1* | 27.7* | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|
| Japan | 1.3* | 1.4* | Malaya | 46.1* | 46.5* |

[a] Unless otherwise indicated, data refer to production of primary (virgin) metal and exclude tin derived from scrap or detinning.
[b] Including for all years, Belgium, the Netherlands, Portugal, the UK, the US, and West Germany, and for 1950 and 1955–57, Canada.
[c] Including some secondary tin metal.



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Table 44
Production of Refined Zinc [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **1,490*** | **1,840*** | **1,960*** | **1,970*** | **1,740*** | **1,800*** | |
| US [c] | 765.2* | 874.1* | 957.7* | 960.1* | 751.0* | 778.4* | |
| Sino-Soviet Bloc | **234** | **409** | **452** | **490** | **554** | **614** | |
| USSR | 111.0 | 222.0 | 260.0 | 280.0 | 315.0 | 321.0 | 504 [d] |
| Communist China | 2.7 | 13.0 | 15.0 | 19.0 | 29.0 | 50.0 | |
| North Korea | 3.8 | 0 | 0 | 4.8 | 18.1* | 45.0 | |
| European Satellites | **117** | **174** | **177** | **186** | **192** | **198** | |
| Bulgaria | 0* | 1.4* | 5.8* | 7.5* | 8.2* | 9.0* | 55* |
| Czechoslovakia | *N.A.* | 5.7 | 6.0 | 6.2 | 6.5 | 6.8 | |
| East Germany [e] | *Negl.* | 3.2 | 2.9 | 3.2 | 4.0 | 4.0 | |
| Hungary | *N.A.* | *N.A.* | 0.4 | 0.4 | 0.4 | 0.4 | |
| Poland | 113.6* | 156.2* | 153.3* | 158.8* | 162.6* | 168.1* | 215 to 230* |
| Rumania | 3.0 | 7.4 | 8.7 | 10.1 | 10.1 | 10.1 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 214.8* | 222.6* | Italy | 74.7* | 79.4* | UK | 75.8* | 74.1* |
| Canada | 228.7* | 230.4* | Netherlands | 26.6* | 32.2* | West Germany | 179.3* | 187.9* |
| France | 148.0* | 144.8* | Norway | 45.1* | 48.1* | | | |

[a] Data refer to production of refined metal from domestic and foreign ores and scrap.
[b] Excluding Denmark, Greece, Iceland, Luxembourg, Portugal, and Turkey.
[c] Including production of redistilled zinc by secondary smelters, which is about 30,000 metric tons per year.
[d] Estimated plan for 1965.
[e] Except for about 150 to 200 metric tons, annual production consists of zinc produced from scrap.

Table 45
Production of Cadmium Metal [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **5.28*** | **6.93*** | **7.21*** | **7.29*** | **6.75*** | **6.73*** | |
| US [c] | 4.169* | 4.424* | 4.815* | 4.786* | 4.387* | 3.826* | |
| Sino-Soviet Bloc | **0.74** | **1.24** | **1.36** | **1.44** | **1.57** | **1.62** | |
| USSR | 0.360 | 0.730 | 0.850 | 0.920 | 1.030 | 1.060 | |
| European Satellites | **0.375** | **0.515** | **0.505** | **0.525** | **0.540** | **0.555** | |
| Bulgaria | 0 | *Negl.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 0.2 |
| Poland | 0.375 | 0.515 | 0.505 | 0.525 | 0.540 | 0.555 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 0.671* | 0.671* | Italy | 0.204* | 0.230* | UK | 0.126* | 0.144* |
| Canada | 0.742* | 1.046* | Netherlands | 0.016* | 0.016* | West Germany | 0.318* | 0.419* |
| France | 0.177* | 0.246* | Norway | 0.109* | 0.129* | | | |

[a] Data refer to production of refined metal from domestic and imported materials.
[b] Excluding for all years, Denmark, Greece, Iceland, Luxembourg, Portugal, and Turkey, and for 1950, the Netherlands.
[c] Excluding, except for 1950, cadmium compounds.



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Table 46
Production of Mercury
1950 and 1955–59

34.5-Kilogram Flask

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [a] | 57,900* | 73,300* | 87,200* | 98,600* | 97,700* | N.A.* |
| US | 4,535* | 18,955* | 24,177* | 34,625* | 38,067* | *N.A.** |
| Sino-Soviet Bloc | 18,800 | 48,000 | 53,500 | 56,200 | 77,000 | 80,000 |
| USSR | 17,000 | 27,000 | 28,500 | 30,200 | 32,000 | 34,000 |
| Communist China | 1,000 | 20,000 | 24,000 | 25,000 | 44,000 | 45,000 |
| European Satellites | 755 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Czechoslovakia | 605 | 752 | 752 | 750 | 750 | 750 |
| Rumania | 150 | 250 | 250 | 250 | 250 | 250 |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|
| Italy | 63,237* | 58,712* | Turkey | 720* | 928* |

[a] Including for all years, Italy and the US, and for 1955–58, Turkey.

Table 47
Production of Primary Magnesium [a]
1950 and 1955–59

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | 19.4* | 79.2* | 87.2* | 99.0* | 49.9* | N.A.* |
| US | 14.27* | 55.46* | 62.00* | 73.72* | 27.30* | *N.A.** |
| Sino-Soviet Bloc | 5.00 | 14.2 | 16.2 | 17.6 | 17.9 | 21.1 |
| USSR | 5.00 | 13.50 | 15.90 | 17.10 | 17.90 | 21.00 |
| European Satellites | 0 | 0.74 | 0.34 | 0.45 | 0 | 0.10 |
| East Germany | 0 | 0.74 | 0.34 | 0.45 | 0 | 0 |
| Hungary | 0 | 0 | 0 | 0 | 0 | 0.10* |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Canada | 7.61* | 5.27* | Italy | 3.78* | 3.81* | UK | 3.48* | 2.36* |
| France | 1.59* | 1.74* | Norway | 8.62* | 9.28* | West Germany | 0.24* | 0.19* |

[a] Data refer to production of primary (virgin) magnesium (ingots and ingot equivalent of other forms).

[b] Including for all years, Canada, France, Italy, the UK, the US, and, except for 1950, Norway and West Germany.



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Table 48
Production of Sulfur [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 7,390* | 8,600* | 9,460* | 8,630* | 7,920* | N.A.* | |
| US | 5,674.6* | 6,309.5* | 7,027.3* | 6,111.0* | 5,129.6* | N.A.* | |
| Sino-Soviet Bloc [c] | 1,320 | 2,310 | 2,650 | 3,010 | 3,220 | 3,430 | |
| USSR | 870.0 | 1,499.0 | 1,685.0 | 1,780.0 | 1,872.0 | 1,912.0 | 4,143.0 [d] |
| Communist China | 20.0 | 160.0 | 260.0 | 330.0 | 390.0 | 500.0 | |
| North Korea | 66.0* | 11.0 | 44.0 | 79.0 | 96.0 | 120.0 | |
| European Satellites | 365 | 642 | 657 | 818 | 858 | 898 | |
| Albania | 0.7 | 1.8 | 1.8 | N.A. | N.A. | N.A. | |
| Bulgaria | 6.0* | 27.0* | 30.0* | 38.0* | 35.0* | 45.0 | |
| Czechoslovakia | N.A. | N.A. | N.A. | 148.0* | 154.0* | 142.0 | |
| East Germany | 273.5 | 426.1 | 437.7 | 444.2 | 451.4 | 453.0 | |
| Hungary | 4.8 | 7.2 | 7.2 | 7.6 | 7.6 | 8.0 | |
| Poland | 60.0 | 130.0 | 130.0 | 130.0 | 160.0 | 180.0 | |
| Rumania | 20.0 | 50.0 | 50.0 | 50.0 | 50.0 | 70.0 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Canada [f] | 467.4* | 812.8* | Italy | 864.4* | 848.1* | Turkey | 36.5* | 52.4* |
| France | 126.0* | 165.6* | Norway | 365.8* | 340.4* | UK | 1.0* | 1.0* |
| Greece | 106.5* | 69.1* | Portugal | 306.8* | 275.3* | West Germany | 240.8* | 227.6* |

[a] Unless otherwise indicated, sulfur from all sources, including mine production and sulfur recovered from pyrites.
[b] Excluding Belgium, Denmark, Iceland, Luxembourg, and the Netherlands.
[c] All sulfur produced in countries of the Sino-Soviet Bloc, with the exception of about 290,000 metric tons in 1959 (smaller quantities in previous years) of native sulfur in the USSR, is from such sources as pyrites, gypsum, waste gases, and kieserite.
[d] Estimated plan for 1965.
* Production for the first half of the year.
[f] Sales.



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Table 49
Production of Grain in the US and the Sino-Soviet Bloc [a]
1950, 1955–59, and 1965 Plan

Million Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US | 134.78* | 141.32* | 142.79* | 143.84* | 170.21* | 168.84* | |
| Sino-Soviet Bloc | 260 | 311 | 320 | 320 | 360 | 321 | |
| USSR [b] | 81.20 | 106.80 | 115.00 | 105.00 | 130.00 | 100.00 | 164.0 to 180.0* |
| Communist China [b] | 138.00 | 155.90 | 160.70 | 163.10 | 182.00 | 167.00* | |
| North Korea [c] | 2.49 | 2.21* | 2.64 | 3.00 | 3.50 | 3.20* | |
| North Vietnam [c] | 2.30 | 3.79* | 4.38* | 4.14* | 4.77* | 5.42* | |
| European Satellites | 35.6 | 42.1 | 37.1 | 44.3 | 39.5 | 44.9 | |
| Albania | 0.25 | 0.34 | 0.32 | 0.39 | 0.28 | 0.30 | |
| Bulgaria | 2.79 | 3.53 | 3.00 | 3.92 | 3.29 | 3.34 | |
| Czechoslovakia | 4.73 | 5.10 | 5.42 | 5.18 | 4.83 | 5.56 | |
| East Germany | 5.63 | 5.19 | 4.72 | 4.66 | 5.50 | 4.80 | |
| Hungary | 5.50 | 6.62 | 5.31 | 7.00 | 5.66 | 7.23 | |
| Poland | 11.58 | 12.66 | 12.07 | 13.52 | 13.53 | 14.07 | 15.2* |
| Rumania | 5.15 | 8.62 | 6.23 | 9.60 | 6.44 | 9.65 | |

[a] Data for the US include barley, corn, oats, rice, rye, and wheat. In addition to these items, data for the Sino-Soviet Bloc include miscellaneous grains and other agricultural foods unless otherwise indicated. If sorghum were included in the US data, production in millions of metric tons would be as follows: 1950, 141; 1955, 147; 1956, 148; 1957, 158; 1958, 186; and 1959, 185.
[b] Including pulses and for Communist China, kaoliang.
[c] Corn and rice only.

Table 50
Production of Breadgrains [a] in the US and the Sino-Soviet Bloc
1950 and 1955–59

Million Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| US | 28.28* | 26.18* | 27.69* | 26.56* | 40.63* | 30.91* |
| Sino-Soviet Bloc | 91.8 | 110 | 118 | 120 | 135 | N.A. |
| USSR | 49.10 | 64.30 | 72.00 | 73.10 | 84.00 | 69.00 |
| Communist China [b] | 21.00 | 23.00 | 24.80 | 23.60 | 29.00 | *N.A.* |
| North Korea [b] | *N.A.* | 0.10 | 0.09 | 0.08 | *N.A.* | *N.A.* |
| European Satellites | 21.7 | 22.4 | 20.7 | 23.6 | 22.2 | 23.8 |
| Albania | 0.09* | 0.13* | 0.11* | 0.14* | 0.10 | 0.11 |
| Bulgaria | 1.81 | 1.77 | 1.66 | 2.12 | 2.06 | 1.79 |
| Czechoslovakia | 2.58* | 2.44* | 2.59* | 2.47* | 2.28* | 2.60* |
| East Germany | 3.63* | 3.01 | 2.76 | 2.84 | 3.26 | 2.95 |
| Hungary | 2.85* | 2.68* | 2.34* | 2.45* | 1.86* | 2.35* |
| Poland | 8.38* | 9.14* | 8.68* | 9.76* | 9.65* | 10.56* |
| Rumania | 2.40* | 3.22* | 2.57* | 3.85* | 3.04* | 3.40 |

[a] Unless otherwise indicated, only wheat and rye are included.
[b] Excluding rye.



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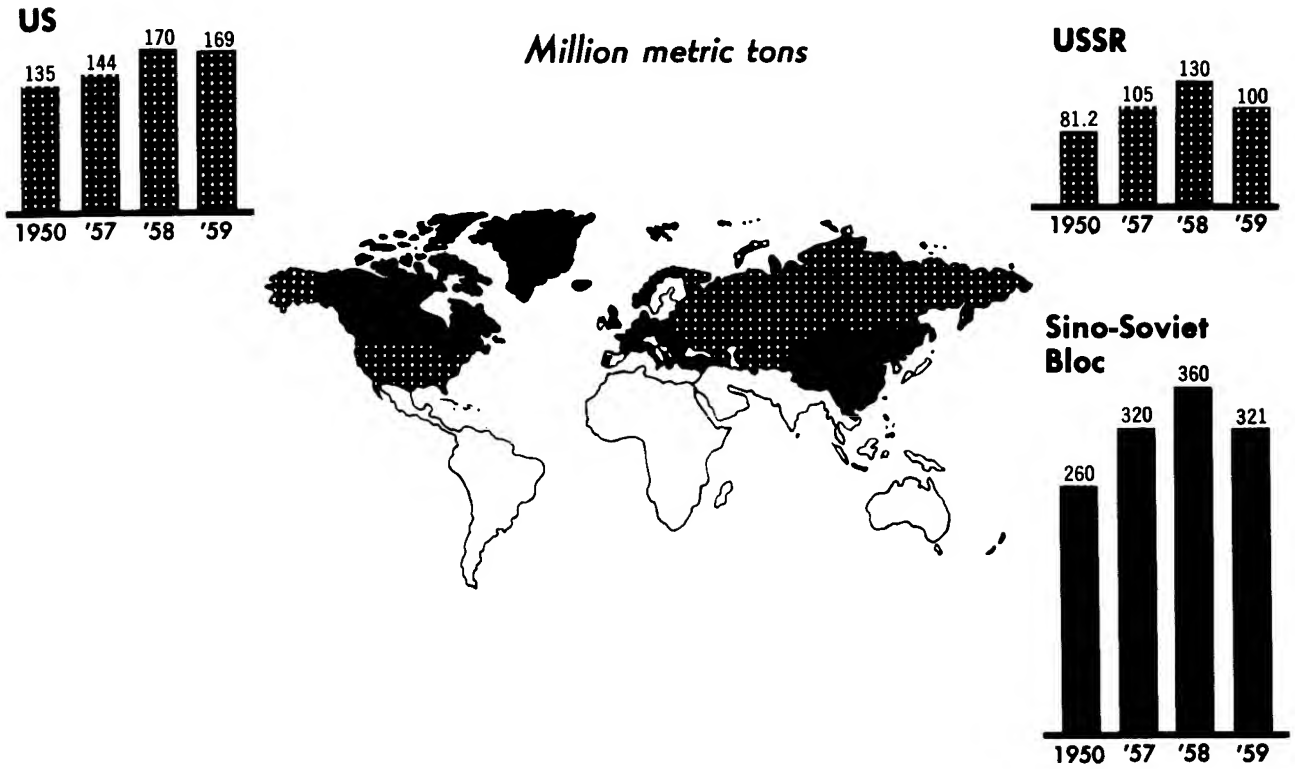
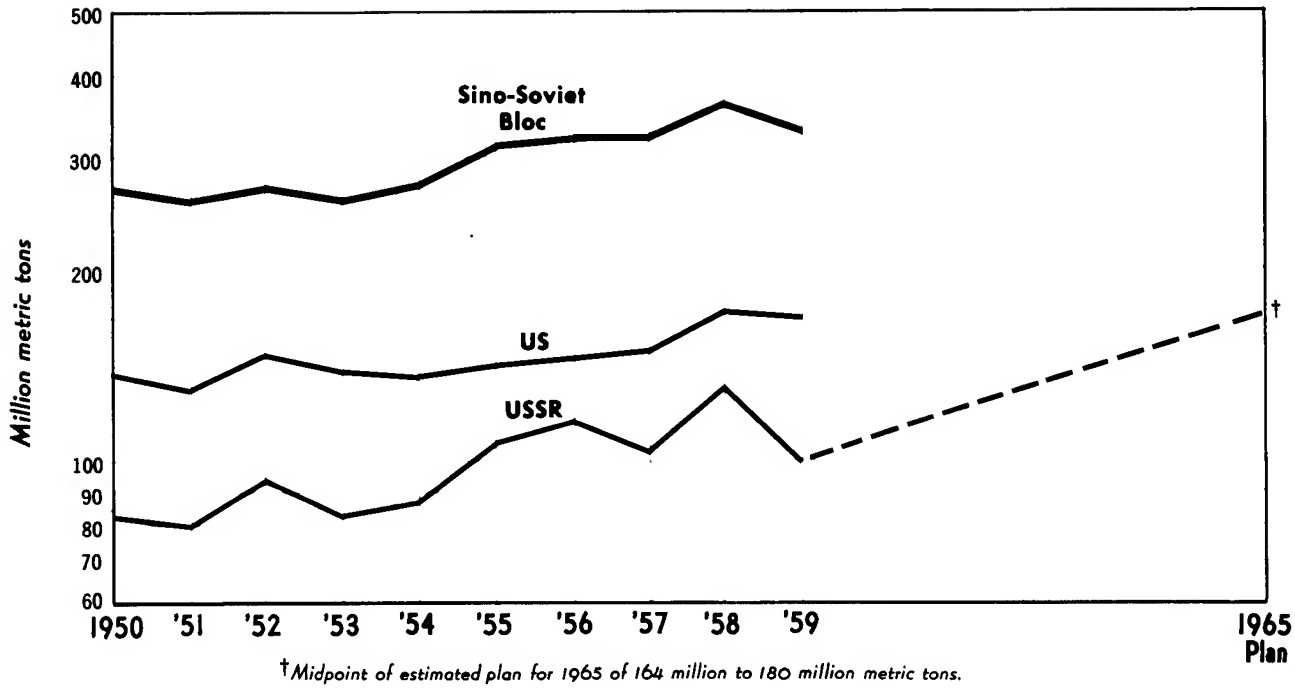
# COMPARISON OF PRODUCTION OF GRAIN IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN




†Midpoint of estimated plan for 1965 of 164 million to 180 million metric tons.

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Table 51
Production of Other Grains in the US and the Sino-Soviet Bloc [a]
1950 and 1955–59

Million Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| US | 104.75* | 112.60* | 112.86* | 115.33* | 127.45* | 135.52* |
| Sino-Soviet Bloc | **100** | **118** | **114** | **107** | **117** | **N.A.** |
| USSR | 32.10 | 42.50 | 43.00 | 31.90 | 46.00 | 31.00 |
| Communist China | 53.00 | 54.90 | 53.40 | 52.70 | 54.00 | *N.A.* |
| North Korea | 1.20* [b] | 0.87* | 1.16* | 1.45* | *N.A.* | *N.A.* |
| North Vietnam [c] | 0.06 | 0.19* | 0.25* | 0.20* | 0.20* | 0.23* |
| European Satellites | **13.8** | **19.5** | **16.2** | **20.5** | **17.2** | **21.1** |
| Albania | 0.15* | 0.20* | 0.20* | 0.24* | 0.18 | 0.19 |
| Bulgaria | 0.95 | 1.71 | 1.28 | 1.75 | 1.19 | 1.50 |
| Czechoslovakia | 2.14* | 2.66* | 2.83* | 2.71* | 2.55* | 2.95* |
| East Germany | 2.00 | 2.17 | 1.96 | 1.82 | 2.24 | 1.85 |
| Hungary | 2.60 | 3.91 | 2.88 | 4.49 | 3.78 | 4.87 |
| Poland [c] | 3.21* | 3.53* | 3.39* | 3.77 | 3.88* | 3.51* |
| Rumania | 2.71* | 5.36 | 3.62 | 5.71 | 3.37 | 6.19 |

[a] Data for Czechoslovakia, Poland, and the US include only barley, corn, and oats. Unless otherwise indicated, data for the other countries also include buckwheat, millet, mixed grains, and silage corn. In addition to grain, the USSR and Communist China include pulse and kaoliang.
[b] 1949.
[c] Corn only.

Table 52
Production of Rice [a]
1950 and 1955–59

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 [b] | 1959 [b] |
|---|---|---|---|---|---|---|
| NATO [c] | **2,770*** | **3,830*** | **3,350*** | **3,090*** | **3,340*** | **3,600*** |
| US | 1,755* | 2,536* | 2,243* | 1,948* | 2,133* | 2,409* |
| Sino-Soviet Bloc | **67,600** | **83,000** | **88,200** | **92,400*** | **104,000** | **95,400** |
| Communist China | 64,000 | 78,000 | 82,500 | 86,800* | 99,000 | 90,000 |
| North Korea | 1,250 | 1,242* | 1,392* | 1,459* | *N.A.* | *N.A.* |
| North Vietnam | 2,238 | 3,604* | 4,132* | 3,947* | 4,575* | 5,194* |
| European Satellites | **127*** | **133*** | **194*** | **186*** | **159** | **184** |
| Albania | 3* | 10* | 5* | 7* | 4 | 5 |
| Bulgaria | 38* | 49* | 56* | 57* | 45* | 43 |
| Hungary | 50* | 40* | 96* | 86* | 73* | 73 |
| Rumania | 36* | 35* | 36* | 36* | 37* | 63 |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| France | 141* | 135* | Italy | 705* | 680* | Turkey | 138* | 136* |
| Greece | 67* | 70* | Portugal | 157* | 173* | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| India [b] | 45,450* | 46,266* | Japan | 14,991* | 15,422* | Pakistan [b] | 12,740* | 12,746* |
| Indonesia | 12,156* | *N.A.** | | | | | | |

[a] Rough or paddy rice. Data apply to the beginning of the crop year—for example, data for 1958 are equivalent to data for 1958/59.
[b] Estimated from planted acreage.
[c] Including France, Greece, Italy, Portugal, Turkey, and the US.



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Table 53
Production of Potatoes
1950, 1955–59, and 1965 Plan

Million Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 79.8* | 78.3* | 88.9* | 81.3* | 78.2* | 74.4* | |
| US | 11.70* | 11.53* | 12.37* | 12.16* | 13.49* | 12.33* | |
| Sino-Soviet Bloc | 210 | 198 | 249 | 238 | 265 | 236 | |
| USSR | 88.60* | 71.80* | 96.00* | 87.80* | 86.50* | 86.40 | 146 |
| Communist China | 60.00 | 75.60 | 87.20 | 87.60 | 120.00 | 92.00 | |
| North Korea | *N.A.* | 0.62* | 0.95* | 1.18* | 0.80* | *N.A.* | |
| North Vietnam [b] | 0.15 | 0.53* | 1.10* | 0.54* | 0.54* | 0.71* | |
| European Satellites | 60.9 | 49.6 | 63.8 | 60.8 | 57.2 | 56.4 | |
| Albania | 0.03* | 0.03* | 0.02* | 0.03* | 0.02 | 0.02 | |
| Bulgaria | 0.15* | 0.36* | 0.21* | 0.31* | 0.25* | 0.41* | |
| Czechoslovakia | 8.16* | 7.90* | 9.64* | 8.76* | 6.59* | 6.83* | |
| East Germany | 13.10 | 9.69 | 11.73 | 11.51 | 10.80 | 10.00 | |
| Hungary | 1.35* | 2.47* | 2.06* | 2.60 | 2.60* | 2.60 | |
| Poland | 36.51* | 27.02* | 38.05* | 35.10* | 34.76* | 34.02 | 44* |
| Rumania | 1.60* | 2.09 | 2.14 | 2.45 | 2.22 | 2.54 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium [c] | 2.25* | 1.69* | Greece | 0.52* | 0.54* | Portugal | 1.22* | 0.90* |
| Canada | 2.05* | 1.79* | Italy | 4.10* | 4.42* | UK | 6.32* | 7.16* |
| Denmark | 1.74* | 1.60* | Netherlands | 4.25* | 3.52* | West Germany | 25.36* | 24.84* |
| France | 15.52* | 14.40* | Norway | 1.35* | 1.24* | | | |

[a] Excluding Iceland and Turkey.
[b] Sweet potatoes only.
[c] Including Luxembourg for all years except 1958.



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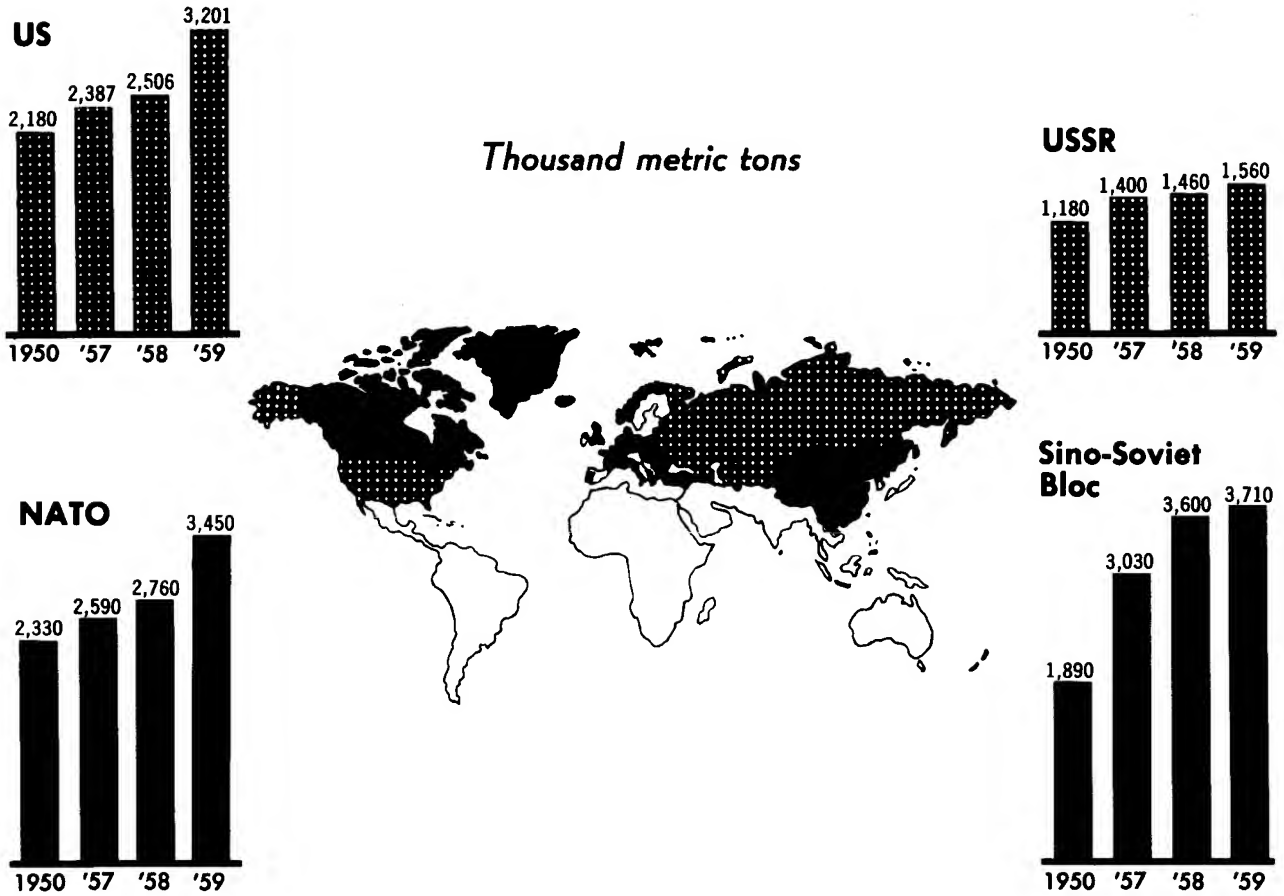
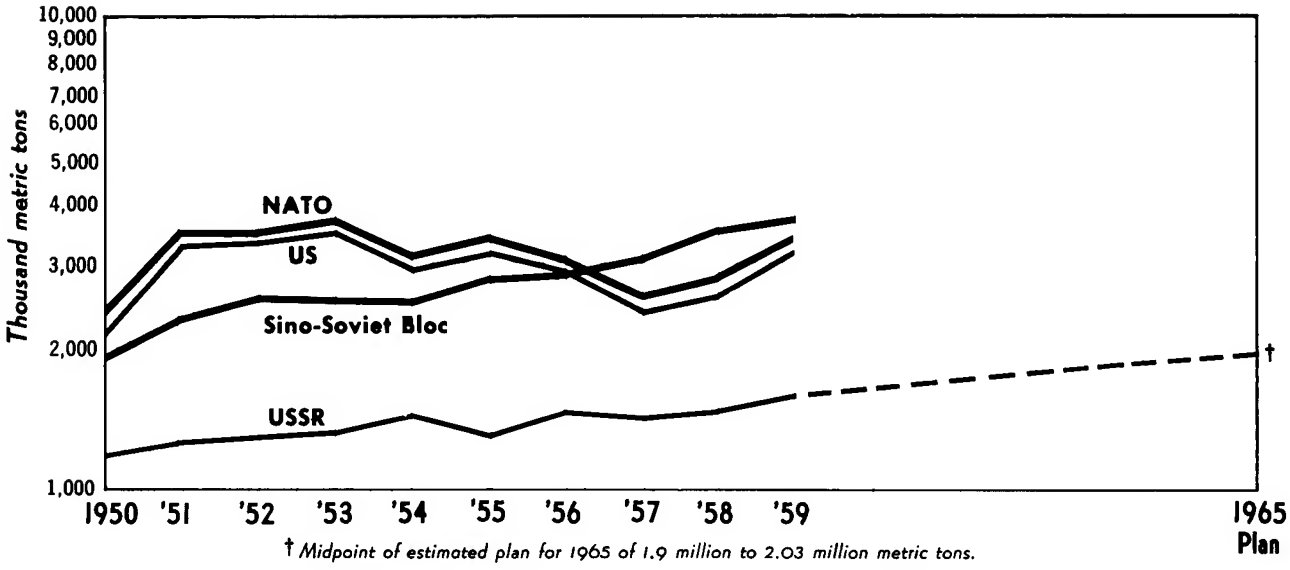
Figure 11

# COMPARISON OF PRODUCTION OF GINNED COTTON IN SELECTED AREAS SELECTED YEARS, 1950-1959, AND 1965 PLAN




† Midpoint of estimated plan for 1965 of 1.9 million to 2.03 million metric tons.

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Table 54
Production of Ginned Cotton
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 2,330* | 3,410* | 3,100* | 2,590* | 2,760* | 3,450* | |
| US | 2,179.9* | 3,205.2* | 2,898.0* | 2,387.2 | 2,506.5* | 3,200.8* | |
| Sino-Soviet Bloc | 1,890 | 2,820 | 2,870* | 3,030 | 3,600* | 3,710 | |
| USSR | 1,180.0* | 1,290.0* | 1,440.0* | 1,400.0* | 1,460.0* | 1,560.0* | 1,900 to 2,030* |
| Communist China | 690.0* | 1,500.0* | 1,400.0* | 1,600.0* | 2,100.0* | 2,100.0 | |
| North Korea | *N.A.* | *N.A.* | 2.0* | 7.0 | 18.0 | 20.0* [b] | |
| North Vietnam | *N.A.* | 1.0* | 1.7* | 1.9* | 1.8* | 2.0* | |
| European Satellites | 22.0 | 31.3* | 22.6* | 25.8* | 21.1* | 23.3 | |
| Albania | 2.3* | 4.1* | 3.0* | 5.3* | 4.4* | 4.9* | |
| Bulgaria | 10.6* | 20.4* | 13.2* | 16.3* | 15.1* | 16.8* | |
| Hungary | 0.1 | 0.1* | *Negl.** | 0 | 0 | 0 | |
| Rumania | 9.0* | 6.7* | 6.4* | 4.2* | 1.6* | 1.6 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Greece | 62.3* | 57.9* | Italy | 7.6* | 7.2* | Turkey | 179.6* | 179.6* |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Argentina | 100.2* | *N.A.** | Egypt | 445.9* | 454.8* | Mexico | 510.6* | 359.3* |
| Brazil | 313.5* | 359.3* | India | 892.7* | 827.4* | Pakistan | 274.3* | 293.9* |

[a] Including Greece, Italy, Turkey, and the US. The stated year refers to the crop year beginning on 1 August. Conversion factor for Free World data: 1 bale of cotton equals 480 pounds (net weight).
[b] Plan.



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Table 55
Production of Wool [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 250* | 296* | 296* | 300* | 299* | 311* | |
| US [c] | 112.4* | 138.2* | 139.4* | 132.7* | 132.7* | 140.6* | |
| Sino-Soviet Bloc | 260 | 355 | 361 | 390 | 425 | 457 | |
| USSR | 180.0* | 256.0* | 261.0* | 289.0* | 322.0* | 350.0* | 548* |
| Communist China | 34.0 | 36.1 | 36.8 | 37.5 | 38.2 | 39.0 | |
| European Satellites | 45.9 | 63.2 | 63.2 | 63.1 | 65.0 | 67.7 | |
| Albania | 2.2 | 2.6 | 2.6 | 2.6 | 2.3 | 2.3 | |
| Bulgaria | 13.8* | 14.4* | 15.0* | 14.9* | 16.5* | 18.4* | |
| Czechoslovakia | 1.4 | 2.9* | 2.9 | 2.9 | 2.7 | 2.5 | |
| East Germany | 2.9 | 7.1* | 6.9* | 7.6* | 8.0* | 7.5 | |
| Hungary | 4.4* | 5.7* | 6.5* | 6.7* | 6.9 | 7.3 | |
| Poland | 4.4* | 9.8* | 9.8* | 9.3* | 9.0* | 8.7 | |
| Rumania | 16.8 | 20.7* | 19.5* | 19.1* | 19.6* | 21.0 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada | 3.4* | 3.7* | Netherlands | 1.7* | 1.7* | Turkey | 35.9* | 37.0* |
| France | 27.5* | 29.0* | Norway | 3.6* | 3.6* | UK | 52.9* | 54.4* |
| Greece | 10.9* | 11.0* | Portugal | 10.4* | 10.2* | West Germany | 5.3* | 5.0* |
| Italy | 14.5* | 14.5* | | | | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Argentina | 190.8* | 197.0* | New Zealand | 244.9* | 258.5* | Uruguay | 80.0* | 72.0* |
| Australia | 715.3* | 766.6* | Union of South Africa | 142.2* | 145.1* | | | |

[a] Data refer to production of raw wool (grease basis) from sheep and include both shorn and pulled wool together with the wool element of "wooled sheepskins."
[b] Excluding Belgium, Denmark, Iceland, and Luxembourg.
[c] "Pulled wool" converted to grease basis at the rate of 1.7 to 1.



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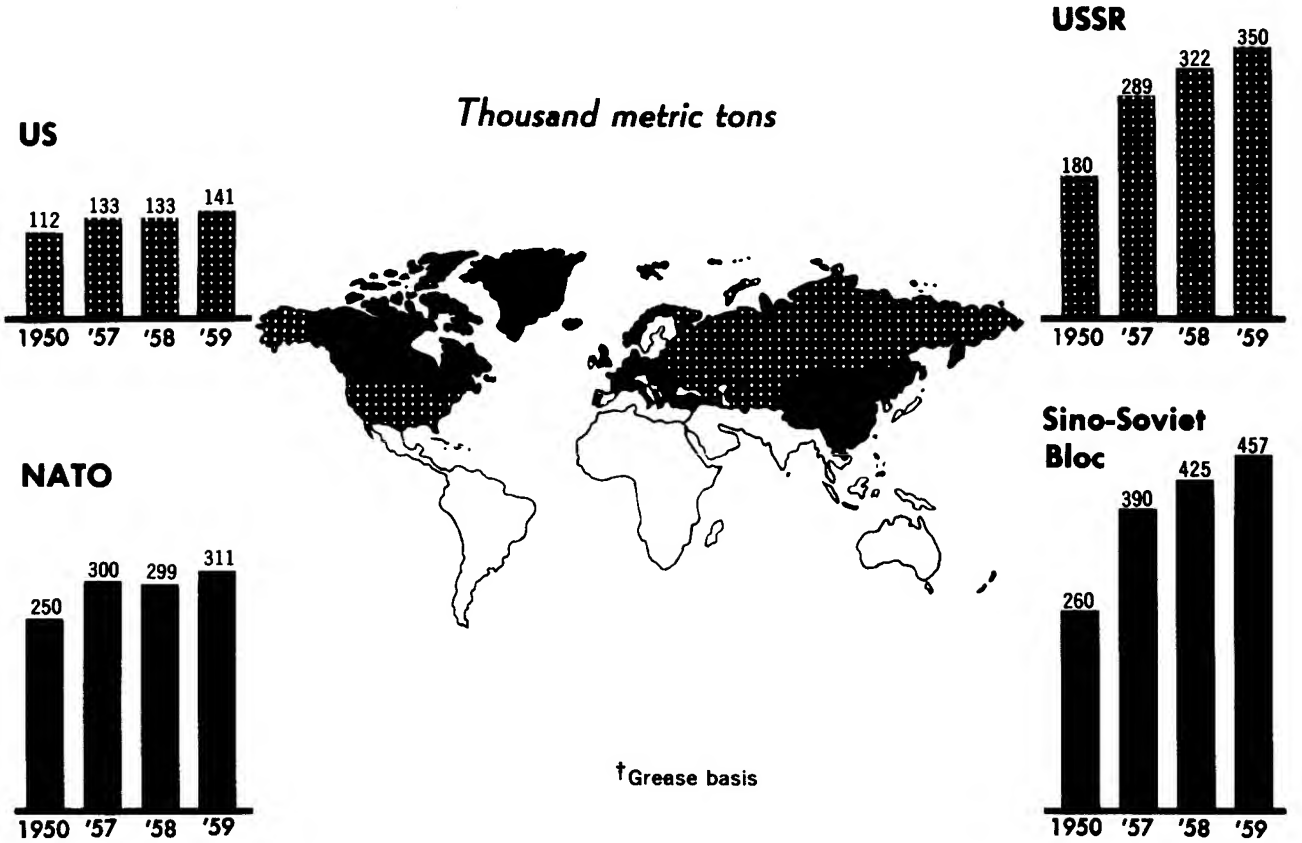
Figure 12

# COMPARISON OF PRODUCTION OF WOOL† IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



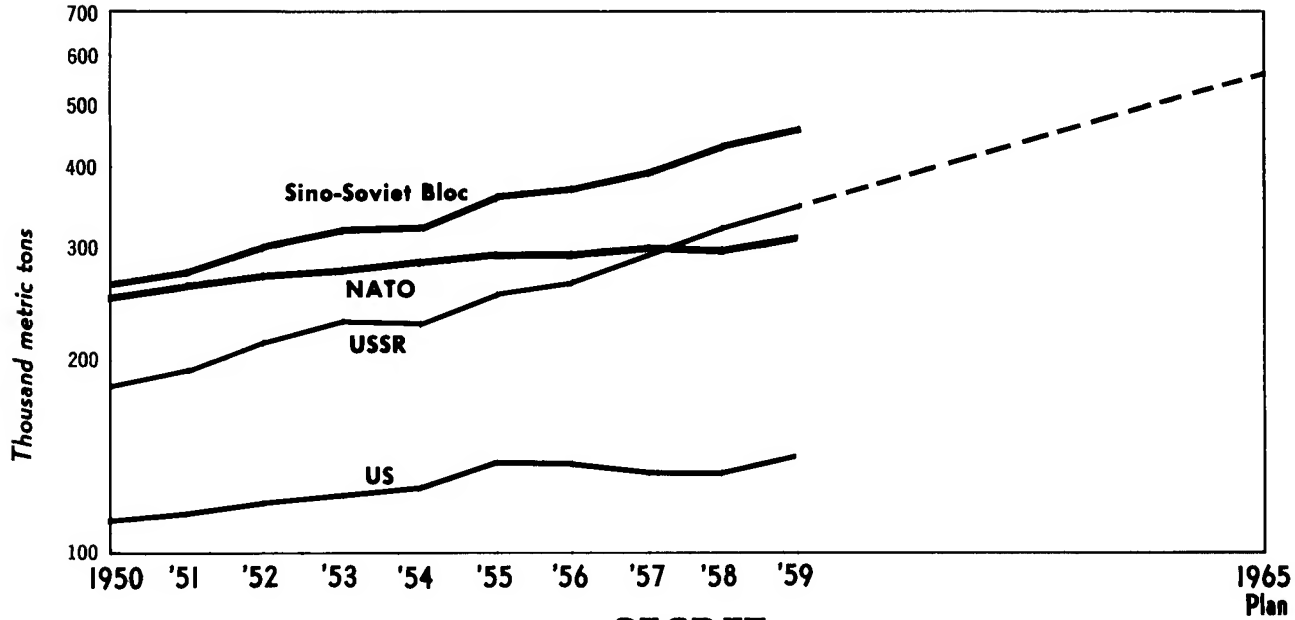




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Table 56
Production of Vegetable Oils in the US and the Sino-Soviet Bloc [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US | 2,456.1* | 3,096.7* | 3,349.2* | 3,461.3* | 3,458.8* | 3,363.1* | |
| Sino-Soviet Bloc | 1,940 | 2,640 | 2,850 | 3,060 | 2,950 | 3,640 | |
| USSR | 819.0* | 1,168.0* | 1,525.0* | 1,685.0* | 1,446.0* | 1,800.0* | |
| Communist China | 847.0 | 1,165.0* | 1,076.0* | 1,100.0* | 1,250.0* | 1,460.0* | |
| North Korea | *N.A.* | *N.A.* | *N.A.* | 10.0* | *N.A.* | 30.0* [b] | |
| North Vietnam [c] | 2.3 | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | |
| European Satellites | 270 | 308 | 250 | 266 | 255 | 347 | |
| Albania | 1.5 | 3.6 | 2.0 | 4.2 | 3.8 | 3.6 | |
| Bulgaria | 29.4* | 48.5* | 54.7* | 52.7* | 68.6* | 80.8* | |
| Czechoslovakia | 13.0 | 12.0 | 12.1 | 11.8 [d] | 13.1 [d] | 16.8 [d] | |
| East Germany | 57.2 | 72.2 | 60.1 | 62.5 | 48.0 | 52.0 | |
| Hungary | 54.5 | 50.7 | 39.9 | 42.1 | 29.5 | 34.5 | |
| Poland | 54.1 | 54.5 | 24.0 | 30.0 | 23.0 | 38.6 | 46.7 |
| Rumania | 60.0 | 66.8 | 56.8 | 63.1 | 68.9 | 120.5 | |

[a] Production of edible oils from indigenous raw materials. Data for the US include for all years, castor, coconut, corn, cottonseed, linseed, peanut, and soybean oils and, except for 1958–59, tung oil.
[b] Plan.
[c] Including peanut, cottonseed, sesame, and castor oils.
[d] Extracted from rape and mustard seed.



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Table 57
Number of Cattle [a]
1950, 1955–59, and 1965 Plan

Million Head

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 152* | 177* | 178* | 177* | 176* | 181* | |
| US | 77.96* | 96.59* | 96.80* | 94.50* | 93.35* | 96.85* | |
| Sino-Soviet Bloc | 131 | 149 | 153 | 156 | 159* | 165 | |
| USSR | 58.10* | 56.70* | 58.80* | 61.40* | 66.80* | 70.80* | 109.0* |
| Communist China [c] | 48.20 | 66.00 | 66.60 | 67.00 | 64.90* | 65.40* | |
| North Korea | 0.97 | *N.A.* | 0.48* | 0.57* | 0.66* | 0.71* | |
| North Vietnam [d] | *N.A.* | 1.84* | 1.99* | 2.14* | 2.38* | 2.52* | |
| European Satellites | 23.7 | 24.5* | 25.2* | 24.7 | 24.7* | 25.2 | |
| Albania [d] | 0.43* | 0.43* | 0.42* | 0.41* | 0.42* | 0.42 | |
| Bulgaria | 1.68* | 1.61* | 1.60* | 1.53* | 1.44* | 1.36* | 2.3* |
| Czechoslovakia | 4.21* | 4.04* | 4.11* | 4.13* | 4.09* | 4.18* | 4.8* |
| East Germany | 3.62* | 3.76* | 3.72* | 3.74* | 4.14* | 4.46* | |
| Hungary | 2.22* | 2.13* | 2.17* | 1.97* | 1.94* | 2.00* | |
| Poland | 7.20* | 7.91* | 8.35* | 8.26* | 8.21* | 8.35* | 10.5 to 11.0* |
| Rumania | 4.38 | 4.63* | 4.80* | 4.64 | 4.47* | 4.39* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 2.41* | 2.48* | Greece [d] | 1.09* | 1.12* | Turkey [d] | 12.71* | 13.09* |
| Canada [e] | 10.29* | 10.11* | Italy [d] | 8.63* | 9.00* | UK | 10.82* | 11.02* |
| Denmark [f] | 3.15* | 3.22* | Netherlands | 2.87* | 3.02* | West Germany | 11.95* | 12.07* |
| France | 17.93* | 18.40* | Norway | 1.07* | 1.06* | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Argentina | 41.10* | *N.A.** | Australia | 16.90* | 16.40* | Brazil | 69.55* | 72.00* |
| World Total | 977.68* | 991.94* | | | | | | |

[a] Unless otherwise indicated, data refer to inventory at the beginning of the calendar years. Data for Communist China are as of midyear through 1956 and end of year for 1957–59.
[b] Excluding for all years, Iceland and Portugal, and for 1958–59, Luxembourg.
[c] Including buffaloes; end-of-year inventory.
[d] Including buffaloes.
[e] Excluding Newfoundland.
[f] Excluding Faroe Islands and Greenland.



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Table 58
Number of Hogs [a]
1950, 1955–59, and 1965 Plan

Million Head

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **95.4*** | **97.3*** [c] | **102*** | **97.9*** | **99.9*** | **108*** | |
| US | 58.85* | 50.47* | 55.17* | 51.70* | 50.98* | 57.20* | |
| Sino-Soviet Bloc | **115** | **158** | **159** | **196** | **N.A.** | **N.A.** | |
| USSR | 22.20* | 30.90* | 34.00* | 40.80* | 44.30* | 48.70* | |
| Communist China | 64.00* | 87.90 | 84.00 | 114.00 | *N.A.* | *N.A.* | |
| North Korea | 0.93 | 0.70 | 0.71* | 1.34* | 1.46* | 1.61* | |
| North Vietnam | 0.14* | 2.17* | 2.50* | 2.95* | 3.97* | 4.23* | |
| European Satellites | **28.0** | **36.3*** | **37.7*** | **36.6** | **35.6*** | **37.2** | |
| Albania | 0.05* | 0.09* | 0.08* | 0.10* | 0.10* | 0.10 | |
| Bulgaria | 1.04* | 1.32* | 1.41* | 1.47* | 1.99* | 2.05* | 5.00* |
| Czechoslovakia | 4.22* | 4.77* | 5.28* | 5.37* | 5.44* | 5.28* | 5.51* |
| East Germany [d] | 5.70* | 9.03* | 8.33* | 8.25* | 7.50* | 8.28* | |
| Hungary | 5.54* | 5.82* | 6.06* | 5.00* | 5.34* | 6.22* | |
| Poland [e] | 9.35* | 10.89* | 11.56* | 12.32* | 11.96* | 11.21* | 16.00 to 16.50* |
| Rumania | 2.11 | 4.37* | 4.95* | 4.10 | 3.25* | 4.01* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 1.32* | 1.35* | Greece | 0.65* | 0.66* | Norway | 0.40* | 0.36* |
| Canada [f] | 5.16* | 6.88* | Italy | 3.30* | 3.90* | UK | 6.58* | 6.71* |
| Denmark [g] | 5.29* | 5.56* | Netherlands | 2.76* | 2.55* | West Germany | 15.43* | 14.67* |
| France | 8.06* | 8.43* | | | | | | |

[a] Unless otherwise indicated, data refer to inventory at the beginning of the calendar year. Data for Communist China are as of midyear.
[b] Excluding for all years, Iceland, Portugal, and Turkey, and for 1958–59, Luxembourg.
[c] Including some official statistics that may underestimate the actual inventory.
[d] As of 3 December.
[e] As of 30 June.
[f] Excluding Newfoundland.
[g] Excluding Faroe Islands and Greenland.



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Table 59
Number of Sheep in the US and the Sino-Soviet Bloc [a]
1950, 1955–59, and 1965 Plan

Million Head

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US [b] | 26.18* | 27.14* | 27.01* | 26.54* | 27.33* | 28.36* | |
| Sino-Soviet Bloc | 169 | 227 | 238* | 248 | 268 | 282* | |
| USSR [c] | 93.60* | 113.00* | 116.20* | 119.80* | 130.10* | 139.20* | |
| Communist China [c] | 48.80 | 84.20 | 91.60* | 98.60 | 108.90 | 112.50* | |
| North Korea [c] | 0.01 | *N.A.* | 0.09* | 0.12* | 0.15* | 0.18* | |
| European Satellites | 26.6 | 29.3* | 29.6* | 29.1 | 28.7 | 29.8* | |
| Albania | 1.71* | 1.73* | 1.63* | 1.61* | 1.66 | 1.65* | |
| Bulgaria | 8.85* | 7.80* | 7.83* | 7.60* | 7.74* | 8.62* | 13.5* |
| Czechoslovakia | 0.53* | 1.02* | 1.00* | 0.96* | 0.89* | 0.82* | 0.6* |
| East Germany [d] | 1.08* | 1.81* | 1.89* | 2.08* | 2.11* | 2.12* | |
| Hungary | 1.05* | 1.86* | 1.93* | 1.87* | 2.05* | 2.16* | |
| Poland [e] | 2.20* | 4.24* | 4.22* | 4.04* | 3.88* | 3.78* | |
| Rumania | 11.20 | 10.88* | 11.12* | 10.92 | 10.37* | 10.66* | |

[a] Unless otherwise indicated, data refer to inventory at the beginning of the calendar year. Data for Communist China are as of midyear through 1956 and end of year for 1957–59.
[b] Stock sheep only.
[c] Including goats.
[d] As of 3 December.
[e] As of 30 June.



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Table 60
Land Utilization

Thousand Hectares [a]

| Country | Total Area [b] | Arable Land [c] | Arable Land as a Percent of Total Area |
|---|---|---|---|
| NATO | | | |
| US [d] | 936,340* | 188,443* | 20* |
| Other NATO countries | | | |
| Belgium | 3,051* | 990* | 32* |
| Canada | 997,438* | 40,600* | 4* |
| Denmark | 4,304* | 2,764* | 64* |
| France | 55,137* | 21,325* [e] | 39* |
| Greece | 13,256* | 3,530* | 27* |
| Iceland | 10,300* | 1* | *Negl.** |
| Italy | 30,123* | 15,781* | 52* |
| Luxembourg | 259* | 78* | 30* |
| Netherlands | 3,245* | 1,053* | 32* |
| Norway | 32,392* | 835* | 3* |
| Portugal | 8,883* | 4,130* [f] | 46* |
| Turkey | 77,698* | 24,070* | 31* |
| UK [g] | 24,402* | 7,092* | 29* |
| West Germany | 24,793* | 8,699* | 35* |
| Sino-Soviet Bloc | | | |
| USSR | 2,240,030* | 221,366* | 10* |
| Communist China | 976,101* | 109,354* | 11* |
| North Korea | 12,386* | 2,385* | 19* |
| Albania | 2,875* | 353* | 12* |
| Bulgaria | 11,149* | 4,286* | 38* |
| Czechoslovakia | 12,786* | 5,392* | 42* |
| East Germany | 10,799* | 5,184* | 48* |
| Hungary | 9,302* | 5,760* | 62* |
| Poland | 31,173* | 16,223* | 52* |
| Rumania | 23,750* | 10,125* | 43* |
| Other Countries | | | |
| Argentina [h] | 277,841* | 30,000* | 11* |
| Belgian Congo | 234,541* | 49,020* | 21* |
| India [i] | 328,888* | 158,341* | 48* |
| Mexico | 196,927* | 19,928* | 10* |
| Spain [j] | 50,461* | 20,585* | 41* |

[a] 1 hectare equals 2.471 acres.

[b] Total area refers to the total area of the country, including bodies of inland water. For the most part, data are for the period 1956–57.

[c] Arable land (including fallow) and land under crops includes land planted to crops (double-cropped areas only counted once); land temporarily fallow; temporary meadows for mowing or pasture; garden land; and area under fruit trees, vines, fruit-bearing shrubs, and rubber plantations.

[d] Including Alaska and Hawaii.

[e] Including areas of fish ponds.

[f] Total agricultural area.

[g] Data refer to land belonging to agricultural holdings exceeding 1 acre (0.405 hectare) in Great Britain and ¼ acre (0.101 hectare) in Northern Ireland.

[h] Continental sector only.

[i] Including the whole of Kashmir.

[j] Including the Balearic and Canary Islands.



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Table 61
Production of Industrial Wood [a]
1950, 1955–59, and 1965 Plan

Million Cubic Meters

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 357* | 416* | 421* | 396* | 385* | N.A.* | |
| US [c] | 231.0* | 267.6* | 269.5* | 250.6* | 243.5* | N.A.* | |
| Sino-Soviet Bloc | 214 | 288 | 303 | 318 | 341 | 347 | |
| USSR | 161.0* | 212.0* | 222.0* | 238.0* | 252.0* | 265.0* | 331.0* |
| Communist China [d] | 10.0 | 24.0 | 26.0 | 28.0 | 35.0* | 41.2* | |
| North Korea | 1.8 | 2.0 | 2.6 | 2.8 | 3.2* | 3.9* | |
| North Vietnam | 0.1* | 0.3 | 0.5 | 0.5 | 0.5* | N.A. | |
| European Satellites | 41.2 | 49.5 | 51.4 | 49.2* | 50.4 | 36.8 | |
| Albania | 0.2* | 0.4 | 0.4 | 0.4* | 0.5 | 0.5 | |
| Bulgaria | 2.0 | 3.1* | 2.7* | 2.9* | 2.9* | 3.4* | |
| Czechoslovakia | 8.5* | 11.2* | 11.7* | 11.4* | 11.5* | 11.1* | 11.5* |
| East Germany | 9.5* | 8.3* | 7.6* | 7.5* | 7.5* | 7.5 | |
| Hungary | 0.9 | 1.0* | 1.1* | 1.1* | 1.2 | 1.2 | |
| Poland | 11.3* | 16.4* | 16.7* | 15.5* | 14.5* | N.A. | 11.8 |
| Rumania | 8.8* | 9.1* | 11.2* | 10.4* | 12.3 | 13.1* | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 1.7* | 1.8* | Italy [f] | 4.9* | 4.8* | Portugal [i] | 2.0* | 2.2* |
| Canada | 81.6* | 78.5* | Luxembourg [e] | 0.2* | 0.1* | Turkey | 1.7* | 2.2* |
| Denmark [e] | 1.3* | 1.3* | Netherlands | 0.6* | 0.6* | UK | 2.8* | 2.7* |
| France | 18.9* | 19.1* | Norway [g h] | 8.9* | 7.9* | West Germany [e] | 19.9* | 19.7* |
| Greece | 0.5* | 0.5* | | | | | | |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|
| Japan | 43.3* | 42.8* | Sweden | 36.0* | 35.9* |

[a] Industrial wood is that wood which is not destined to be burned as fuel. This category includes such primary wood products as sawlogs, pitprops, and pulpwood and such finished wood products as sawn wood, plywood, and veneers. Unless otherwise indicated, data are for the calendar year.
[b] Excluding Iceland.
[c] Including Alaska.
[d] Excluding Tibet.
[e] Year ending 30 September.
[f] Year ending 31 March.
[g] Year ending 30 June.
[h] Excluding rural consumption.
[i] Excluding the Azores and Madeira.



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Table 62
Fish Catch [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 8,690* | 10,000* | 10,900* | 10,000* | 9,650* | N.A.* | |
| US [c] | 2,589.6* | 2,738.9* | 2,959.4* | 2,732.4* | 2,671.3* | N.A.* | |
| Sino-Soviet Bloc [d] | 3,230 | 5,890 | 6,200 | 6,700 | 8,110 | 9,310 | |
| USSR | 1,755.0* | 2,737.0* | 2,849.0* | 2,761.0* | 2,931.0* | 3,000.0* | 4,600* |
| Communist China | 911.0* | 2,518.0 | 2,640.0 | 3,120.0* | 4,060.0* | 5,000.0* | |
| North Korea | 440.0 | 317.0 | 332.0* | 400.0 | 682.0* | 885.0 [e] | |
| North Vietnam | N.A. | 94.0* | 120.0* | 142.0* | 156.0* | 167.0* | |
| European Satellites | N.A. | 226 | 264 | 282* | 284 | 260 | |
| Albania | N.A. | 2.6 | 3.0* | 4.1* | 4.1 | 4.5 | |
| Bulgaria | 4.7* | 4.5* | 5.7* | 5.1* | 5.8* | 5.8 | |
| Czechoslovakia | N.A. | 6.3* | 6.5* | 7.1* | 8.1* | 7.0 | |
| East Germany | 34.0 | 69.0* | 75.0* | 97.0* | 93.0* | 96.0* | |
| Hungary | 4.5 | 9.5 | 10.9* | 11.6* | 12.0 | 12.5 | |
| Poland [f] | 66.2 | 107.1* | 122.5 | 125.6* | 127.0* | 111.0 | 300* |
| Rumania | 11.3* | 27.5* | 40.0* | 31.4* | 33.8* | 23.3 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 62.9* | 64.3* | Iceland | 502.7* | 580.4* | Portugal [j] | 464.6* | 455.2* |
| Canada [g] | 993.0* | 1,003.1* | Italy [i] | 210.3* | 209.3* | Turkey | 116.7* | 101.3* |
| Denmark | 533.3* | 598.1* | Luxembourg | 0.3* | 0.4* | UK | 1,014.7* | 999.0* |
| France [h] | 514.5* | 524.7* | Netherlands | 300.8* | 313.8* | West Germany | 753.8* | 715.2* |
| Greece | 75.0* | 80.3* | Norway | 1,754.8* | 1,415.5* | | | |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| India | 1,233.0* | 1,064.4* | Peru | 483.1* | 750.0* | Spain | 767.9* | 835.7* |
| Japan | 5,399.0* | 5,505.0* | | | | | | |

[a] Data refer to live weight in NATO and other Free World countries and landed weight in the Sino-Soviet Bloc countries and include seaweed, crustaceans, and mollusks but not aquatic mammals.
[b] Excluding for 1950, Luxembourg. Total for 1950 includes data for 1951 for Turkey.
[c] Including Alaska but excluding Puerto Rico and Hawaii.
[d] Landed weight.
[e] Plan.
[f] Sea fish catch.
[g] Including Newfoundland.
[h] Including Algeria.
[i] Including river fish, subsistence catch, and illegal catch.
[j] Including Azores and Madeira.



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Table 63
Production of Meat [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 17,800* | 22,700* | 23,500* | 23,300* | 23,000* | N.A.* | |
| US | 10,015* | 12,200* | 12,725* | 12,213* | 11,679* | 11,060* | |
| Sino-Soviet Bloc | 10,900 | 13,400 | 13,400 | 15,800 | 16,400 | 16,400 | |
| USSR [c] | 3,300 | 4,300 | 4,500 | 5,000 | 5,200 | 5,800 | 11,000 |
| Communist China | 5,200 | 6,300 | 5,900 | 7,700 | 8,000 | 7,500 | |
| North Korea | N.A. | N.A. | 24* | 40* | N.A. | N.A. | |
| North Vietnam | 25 | N.A. | N.A. | N.A. | N.A. | N.A. | |
| European Satellites | 2,400 | 2,760 | 3,000 | 3,080 | 3,240 | 3,090 | |
| Albania | 7 | 14 | 14 | 15 | 14 | 14 | |
| Bulgaria | 134 | 155 | 172 | 182 | 221 | 210 | |
| Czechoslovakia | 414 | 402 | 450 | 472 | 466 | 445 | |
| East Germany | 428 | 592 | 594 | 645 | 660 | 638 | |
| Hungary | 338 | 311 | 368 | 294 | 320 | 345 | |
| Poland | 858 | 894 | 1,000 | 1,101 | 1,180 | 1,040 | 2,975* [d] |
| Rumania | 225 | 392 | 377 | 369 | 377 | 396 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium [e] | 428* | 422* | Greece | 117* | 124* | Portugal | 145* | 151* |
| Canada | 1,052* | 1,070* | Italy | 937* | 959* | Turkey | 218* | 269* |
| Denmark | 704* | 707* | Netherlands | 594* | 588* | UK | 1,735* | 1,766* |
| France | 2,518* | 2,475* | Norway | 118* | 115* | West Germany | 2,553* | 2,664* |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Argentina | 2,881* | 2,251* | Brazil | 1,842* | 1,984* | New Zealand | 649* | 658* |
| Australia | 1,311* | 1,417* | Mexico | 619* | 670* | | | |

[a] Unless otherwise indicated, meat is on the basis of trimmed carcass weight and includes beef, veal, pork, mutton, lamb, goat, carabao, and horse meat where produced but excludes edible offal, lard, and rabbit and poultry meat.
[b] Excluding for all years, Iceland; for 1950 and 1955, Luxembourg; and for 1950, Turkey.
[c] Cattle, hogs, sheep, goats, and poultry; carcass weight, bone-in basis, including slaughter fats.
[d] Live-weight basis.
[e] Including Luxembourg.



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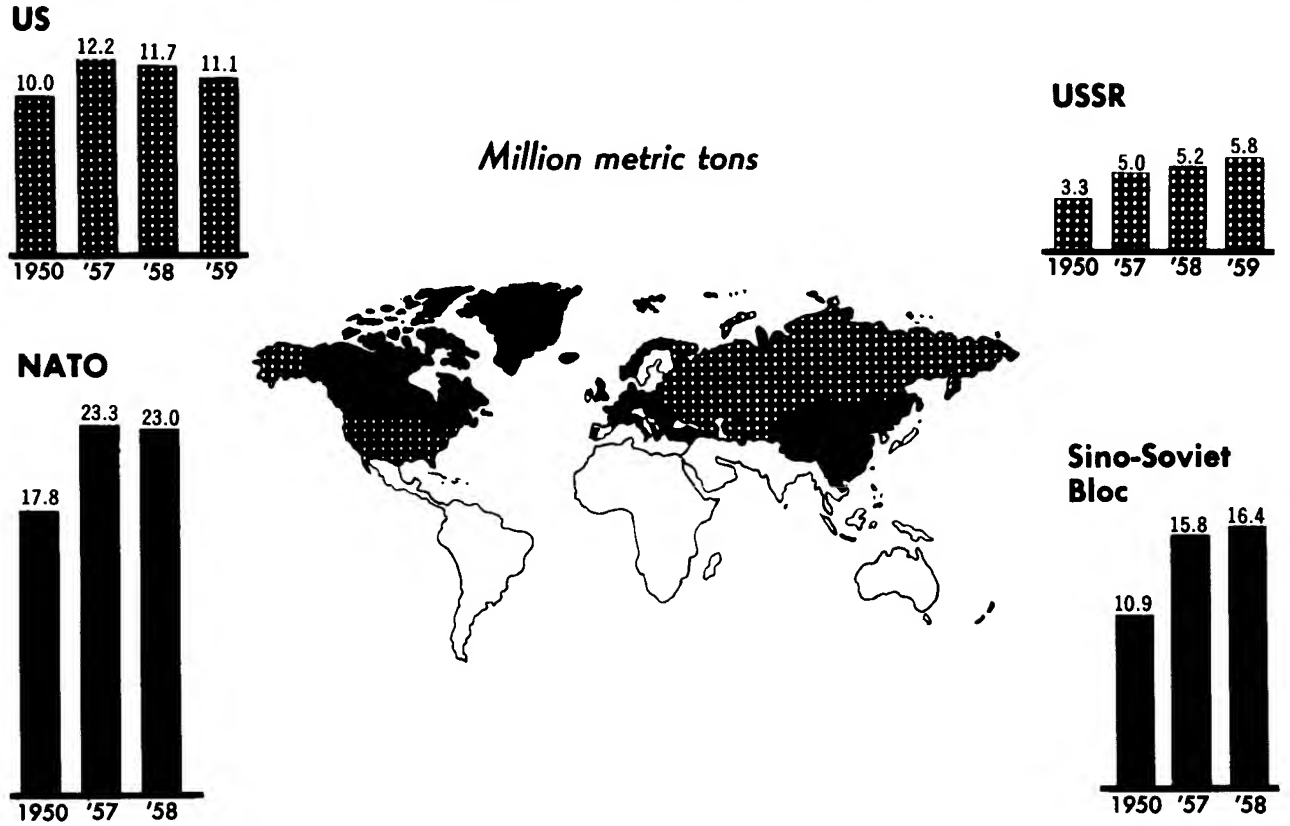
Figure 13

# COMPARISON OF PRODUCTION OF MEAT IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



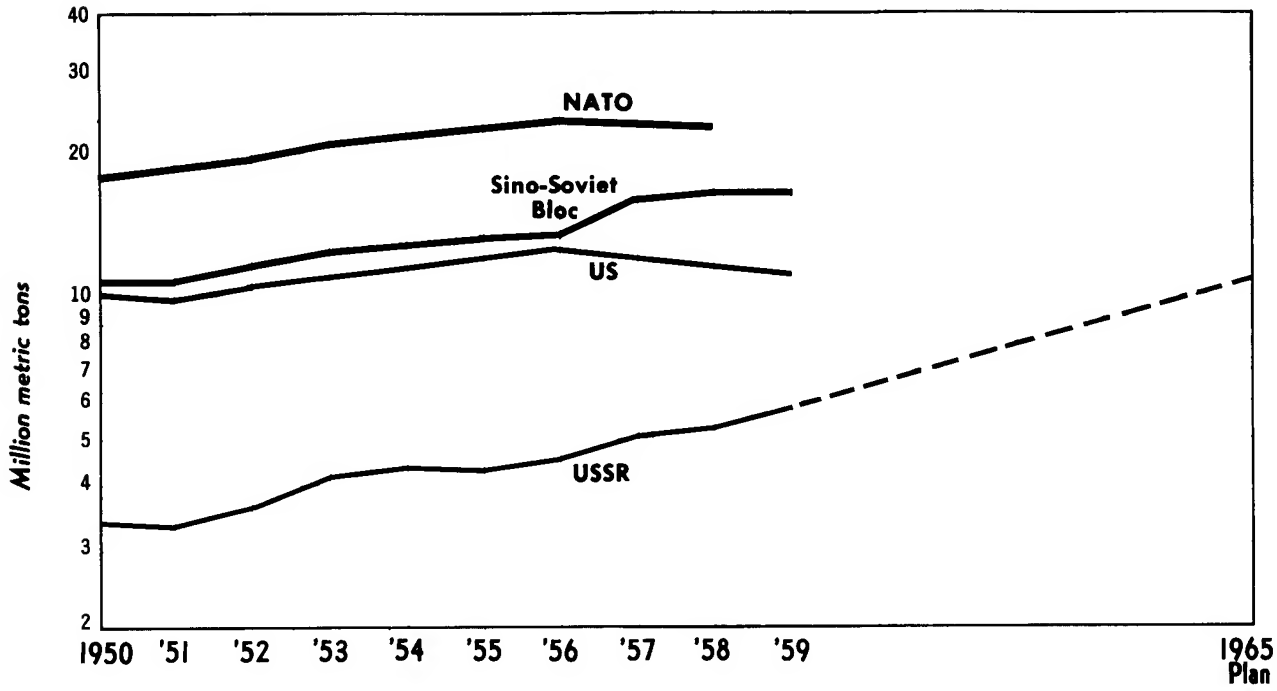




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Table 64
Production of Milk [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **124,000*** | **135,000*** | **138,000*** | **141,000*** | **142,000*** | **140,000*** | |
| US | 53,343* | 55,850* | 56,914* | 57,325* | 56,806* | 56,518* | |
| Sino-Soviet Bloc | **48,400** | **59,800** | **65,600** | **72,000** | **77,100** | **80,000** | |
| USSR | 31,100 | 37,800 | 43,200 | 48,200 | 51,700 | 54,600 | 88,000 to 92,000 |
| European Satellites | **17,300** | **22,000** | **22,400** | **23,800** | **25,400** | **25,400** | |
| Albania | 34 | 34 | 34 | 35 | 36 | 36 | |
| Bulgaria | 282* | 382* | 456* | 524* | 602* | 689* | |
| Czechoslovakia | 3,271* | 3,521* | 3,711* | 3,742* | 3,764* | 3,742* | |
| East Germany | 2,944* | 5,077* | 4,985* | 5,286* | 5,656* | 5,300 | |
| Hungary | 1,445* | 1,525* | 1,516* | 1,715 | 1,778* | 1,800 | |
| Poland | 7,760* | 9,615* | 9,979* | 10,721* | 11,514* | 11,800* | 14,500 to 15,400* |
| Rumania | 1,592 | 1,830* | 1,713* | 1,798* | 2,006* | 2,052 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 3,793* | 3,717* | Greece | 326* | 331* | Norway | 1,719* | 1,755* |
| Canada | 8,191* | 8,167* | Italy | 8,639* | 8,811* | UK | 11,736* | 11,270* |
| Denmark | 5,122* | 5,352* | Luxembourg | 202* | 197* | West Germany | 17,868* | 18,144* |
| France | 21,108* | 19,069* | Netherlands | 6,241* | 6,303* | | | |

[a] Whole milk from cows.
[b] Excluding Iceland, Portugal, and Turkey.



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Table 65
Production of Sugar [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 7,720* | 8,430* | 8,060* | 8,740* | 10,000* | 9,100* | |
| US [c] | 2,337* | 2,098* | 2,292* | 2,473* | 2,543* | 2,776* | |
| Sino-Soviet Bloc | 5,650 | 7,180 | 7,840 | 8,830 | 9,990 | 10,200 | |
| USSR [c] | 2,523* | 3,419* | 4,354* | 4,491* | 5,434* | 6,000* | |
| Communist China | 242* | 717* | 807* | 864* | 900* | 1,150* | |
| North Vietnam | 28 | 6 | 13 | 15 | *N.A.* | 13* | |
| European Satellites | 2,860* | 3,040* | 2,670* | 3,460* | 3,660 | 3,060 | |
| Albania | 1* | 8* | 13* | 10* | 11* | 10 | |
| Bulgaria | 41* | 69* | 118* | 129* | 164* | 123 | |
| Czechoslovakia | 779* | 732* | 659* | 880* | 951 | 712 | |
| East Germany | 680* | 720* | 610* | 727* | 810* | 605 | |
| Hungary | 199* | 276* | 241* | 334* | 299* | 350* | |
| Poland | 1,061* | 1,090* | 863* | 1,177* | 1,217* | 994* | 1,650* |
| Rumania | 96* | 143* | 166* | 204* | 207* | 266 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium [d] | 463* | 222* | France | 1,600* | 1,111* | Turkey | 388* | 396* |
| Canada | 167* | 154* | Italy | 1,138* | 1,179* | UK | 816* | 884* |
| Denmark | 399* | 336* | Netherlands | 583* | 544* | West Germany [e] | 1,903* | 1,497* |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Australia [f] | 1,383* | 1,261* | India [c] | 2,397* | 2,631* | Taiwan [c] | 967* | 862* |
| Cuba [c] | 5,967* | 5,443* | Philippines [c] | 1,381* | 1,412* | | | |

[a] Unless otherwise indicated, beet sugar. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 90 percent of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

[b] Excluding Greece, Iceland, Norway, and Portugal. Stated years are for crop years. Generally the harvest season begins in the fall months of the stated year or in the early months of the year following, except in the Southern Hemisphere, where the season begins in May or June of the stated year.

[c] Including cane sugar.

[d] Including Luxembourg.

[e] Including sugar from imported beets.

[f] Cane sugar only.



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Table 66
Daily Availability of Food per Capita [a]
1958/59 [b]
Calories per Day per Capita

| Country | Amount |
|---|---|
| NATO | 2,460 to 3,510* |
| US | 3,100* |
| Other NATO Countries | |
| Belgium [c] | 2,930* |
| Canada | 3,070* |
| Denmark | 3,510* |
| France | 2,870* |
| Greece | 2,650* |
| Italy | 2,580* |
| Netherlands | 2,890* |
| Norway | 2,990* |
| Portugal | 2,460* |
| Turkey | 2,800* |
| UK | 3,290* |
| West Germany | 2,990* |
| Sino-Soviet Bloc | 1,950 to 3,200 |
| USSR | 3,200 |
| Communist China | 2,000 |
| European Satellites | 1,950 to 3,200 |
| Albania | 1,950 |
| Bulgaria | 2,650 |
| Czechoslovakia | 3,040 |
| East Germany | 2,900 |
| Hungary | 2,950 |
| Poland | 3,200 |
| Rumania | 2,710 |

[a] Daily caloric availability of food should be considered as a rough approximation because of the lack of information on the utilization of food by most countries.

[b] Data for the US are for 1957; for other NATO countries and Communist China, 1957/58; and for other Sino-Soviet Bloc countries, 1958/59.

[c] Including Luxembourg.



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Table 67
Production of Cotton Yarn [a]
1950 and 1955–59

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | 3,260* | 3,090* | 3,090* | 3,080* | 2,910* | 3,160* |
| US | 1,880.0* | 1,748.0* | 1,727.0* | 1,611.0* | 1,569.0* | 1,735.0* |
| Sino-Soviet Bloc | 1,380 | 2,160 | 2,330 | 2,280 | 2,620 | N.A. |
| USSR | 662.6* | 1,038.1* | 977.2* | 1,016.0* | 1,062.8* | 1,136.0* |
| Communist China | 437.0* | 720.0* | 952.0* | 844.0* | 1,107.0* | 1,497.0* |
| North Korea | *N.A.* | 7.8 | 11.9 | 13.7 | 14.4 | 20.9 |
| North Vietnam | 1.2 | 0.2* | 6.8* | 9.5* | 8.7* | 9.7* |
| European Satellites | 282 | 389 | 380 | 396 | 426 | N.A. |
| Bulgaria | 16.4* | 30.2* | 31.3* | 35.2 | 38.5 | *N.A.* |
| Czechoslovakia | 88.0 | 88.0 | 90.3 | 87.5 | 94.5 | *N.A.* |
| East Germany | 24.0* | 63.1* | 62.2* | 60.6* | 65.4 | *N.A.* |
| Hungary | 32.8* | 47.2* | 37.7* | 45.1* | 46.5 | *N.A.* |
| Poland | 92.1* | 115.3* | 115.8* | 123.3* | 134.6* | *N.A.* |
| Rumania | 29.2* | 45.6* | 43.0* | 43.8* | 46.0 | *N.A.* |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 80.0* | 97.6* [c] | Greece | 25.7* | *N.A.** | Portugal | 37.0* | 38.6* |
| Canada [d] | 60.0* | 62.8* | Italy | 160.3* | 175.2* | Turkey [e] | 27.3* | 27.4* |
| Denmark | 7.2* | *N.A.** | Netherlands [c] | 68.8* | 70.6* | UK | 286.3* | 274.8* [d] |
| France | 260.2* | 282.0* [c d] | Norway | 4.5* | 2.6* | West Germany [c] | 327.0* | 398.4* |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| India [c] | 764.4* | 780.0* | Pakistan | 156.0* | *N.A.** | Yugoslavia [c] | 45.2* | 46.9* |
| Japan [c] | 439.2* | 476.4* | | | | | | |

[a] Unless otherwise indicated, data for the Free World refer to total weight of cotton yarn made for sale, excluding mixed yarn and tire-cord yarn. Data for the Sino-Soviet Bloc refer to the total factory production.

[b] Excluding Iceland and Luxembourg. From 1955 on, data for Turkey include only government production, which in 1952 was approximately 53 percent of total production. Data for West Germany include mixed yarn.

[c] Including mixed yarn.

[d] Including tire-cord yarn.

[e] Production by government mills only.



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Table 68
Production of Woolen Yarn in NATO, the USSR, and Communist China [a]
1950 and 1955–59

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | 1,070* | 1,050* | 1,100* | N.A.* | N.A.* | N.A.* |
| US | 367.0* | 318.0* | 333.0* | 298.0* | 283.0* | 349.2* |
| USSR | 101.6* | 167.5* | 180.0 | 190.0 | 200.0 | 216.0 |
| Communist China | 1.2* | 3.7* | 5.7* | *N.A.* | 8.3* | *N.A.* |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium [c] | 38.1* | 46.4* | Italy | 135.5* | 164.2* | Turkey | 8.0* | 8.4* |
| Denmark | 5.6* | *N.A.** | Netherlands | 26.5* | 25.2* | UK | 224.2* | 246.0* |
| France | 134.2* | 136.8* | Norway | 6.6* | 8.3* | West Germany | 106.3* | 112.7* |
| Greece | 4.8* | *N.A.** | Portugal | 10.5* | *N.A.** | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Australia [d] | 20.9* | 18.6* | Japan | 92.8* | 115.9* | Yugoslavia | 16.7* | 17.4* |
| India | 13.3* | 13.1* | | | | | | |

[a] Data for the Free World refer to total production of yarns in the wool industry. Data for the Sino-Soviet Bloc refer to the total factory production.
[b] Excluding Iceland.
[c] Including Luxembourg.
[d] Excluding mixed yarn.

Table 69
Production of Rayon Yarn and Synthetic Fibers [a] in NATO, the USSR, and Communist China
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 1,250* | 1,610* | 1,610* | 1,710* | N.A.* | N.A.* | |
| US | 627.9* | 743.3* | 702.4* | 751.1* | 682.3* | 498.0* [c] | |
| USSR | 24.2* | 110.5* | 129.0* | 149.0* | 166.0* | 179.0* | 666.0* |
| Communist China | 0 | *Negl.* | *Negl.* | *Negl.* | 3.8 | 4.0 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium [d] | 36.6* | 28.8* | Italy | 161.9* | 156.5* | Turkey [c] | 0.9* | 0.9* |
| Canada | 42.8* | 9.8* [e] | Netherlands | 47.8* | 48.8* | UK | 256.8* | 222.0* |
| France | 140.0* | 149.4* | Norway [c] | 16.4* | 13.2* | West Germany | 257.4* | 227.5* |
| Greece | 1.5* [c] | *N.A.** | Portugal | 1.6* [c] | *N.A.** | | | |

[a] Unless otherwise indicated, data include rayon yarn and staple and synthetic fibers.
[b] Excluding Denmark and Iceland.
[c] Rayon yarn and staple only.
[d] Including Luxembourg.
[e] Synthetic fibers only.



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Table 70
Production of Leather Footwear [a] in the US and the USSR
1950, 1955–59, and 1965 Plan

Million Pairs

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US | 464.5* | 514.5* | 522.9* | 528.7* | 515.1* | 561.3* | |
| USSR | 203.4* | 274.3* | 289.8* | 315.0* | 356.0* | 389.0* | 515.0* |

[a] Data refer to the total production of footwear with leather or mainly leather uppers and exclude slippers, rubber footwear, and footwear with fabric uppers.

Table 71
Production of Sulfuric Acid [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 20,000* | 25,400* | 26,200* | 27,000* | 27,200* | N.A.* | |
| US | 11,820* | 14,296* | 14,358* | 14,701* | 14,381* | 15,893* | |
| Sino-Soviet Bloc | 3,270 | 5,860 | 6,690 | 7,260 | 7,800 | 8,610 | |
| USSR | 2,125* | 3,798* | 4,323* | 4,569* | 4,804* | 5,100* | 11,000* |
| Communist China | 49 | 375 | 517 | 632 | 740 | 1,000 | |
| North Korea | 165 | 28 | 110 | 197 | 240 | 255 | |
| European Satellites | 930 | 1,660* | 1,740* | 1,860* | 2,020* | 2,250 | |
| Bulgaria | 0* | 19* | 29* | 40* | 64* | 91* | 350* |
| Czechoslovakia | 252* | 383* | 422* | 445* | 463* | 513* | 1,000 |
| East Germany | 280 | 592* | 611* | 640* | 650* | 689* | 1,231* |
| Hungary | 62* | 124* | 101* | 115* | 130* | 148* | |
| Poland | 285* | 450* | 482* | 499* | 572* | 610* | 1,140* |
| Rumania | 52* | 92* | 95* | 122* | 144* | 199* | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 1,073* | 1,087* | Greece | 106* | 106* | Portugal | 245* | 271* |
| Canada | 1,170* | 1,356* | Italy | 2,055* | 1,949* | Turkey | 22* | 19* |
| Denmark | 191* | 184* | Netherlands | 700* | 745* | UK | 2,373* | 2,277* |
| France | 1,600* | 1,786* | Norway | 91* | 82* | West Germany | 2,723* | 2,920* |

[a] Data refer to production expressed in terms of pure (monohydrate) sulfuric acid (100 percent $H_2SO_4$).

[b] Excluding Iceland and Luxembourg. Including quantities not commercialized but used on the spot for production of other products.



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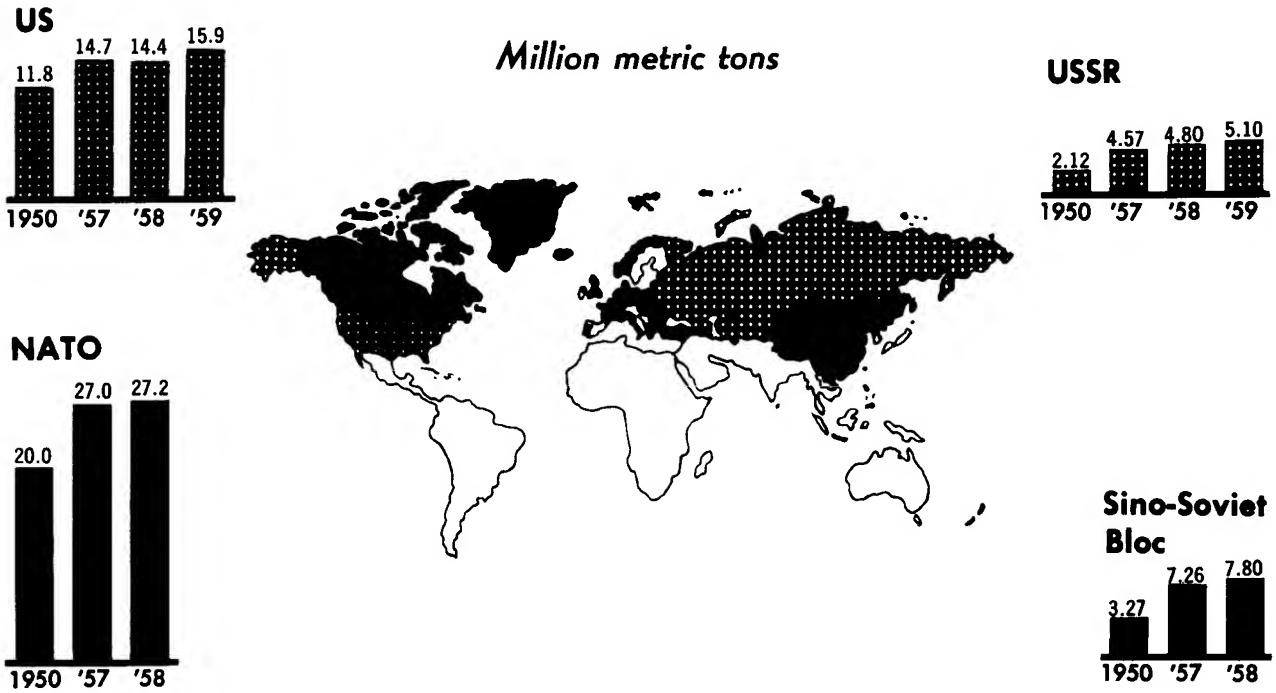
# COMPARISON OF PRODUCTION OF SULFURIC ACID IN SELECTED AREAS SELECTED YEARS, 1950-1959, AND 1965 PLAN



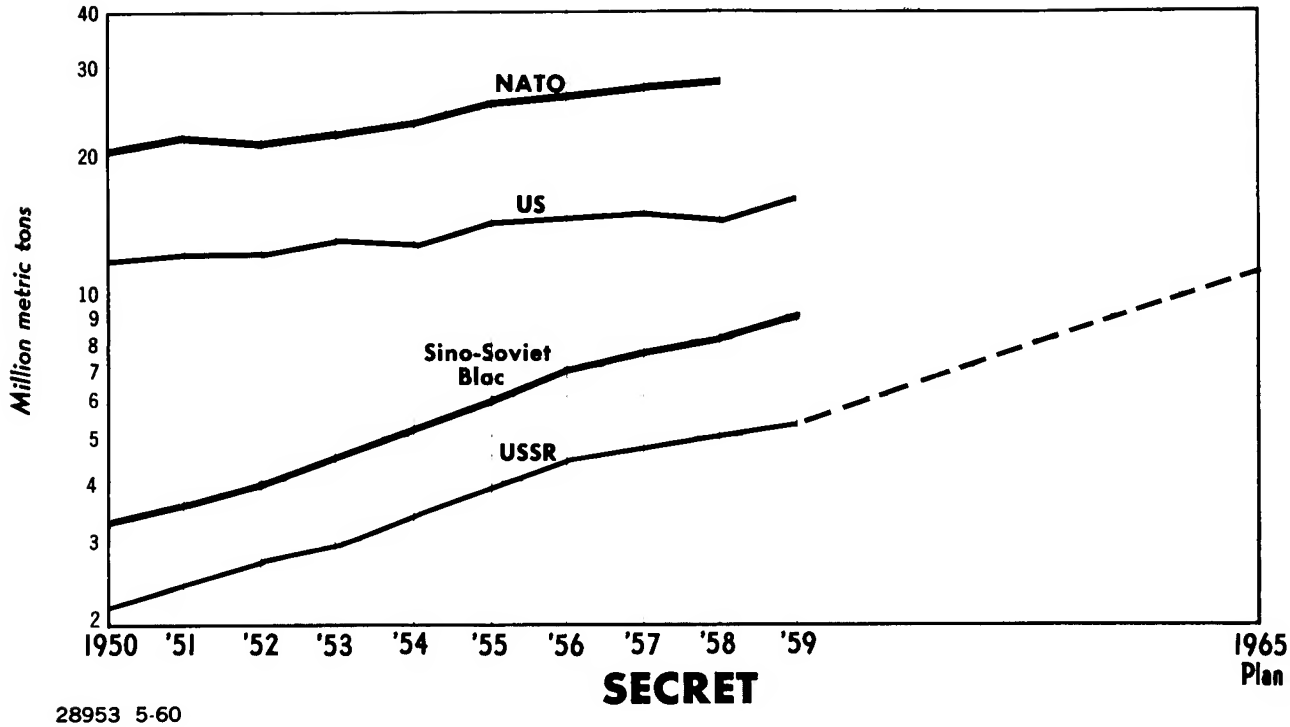




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Table 72
Production of Synthetic Ammonia [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 2,880* | 4,630* | 4,940* | 5,550* | 5,900* | N.A.* | |
| US [c] | 1,170* | 2,363* | 2,524* | 2,772* | 2,859* | 3,365* | |
| Sino-Soviet Bloc | 757 | 1,260 | 1,470 | 1,610 | 1,880 | 2,090 | |
| USSR | 368 | 619 | 702 | 750 | 795 | 828 | 1,990 [d] |
| Communist China | 13 | 69 | 104 | 123 | 195 | 275 | |
| North Korea | 46 | 6 | 30 | 55 | 94 | 110 | |
| European Satellites | 330 | 566 | 634 | 683 | 793 | 877 | |
| Bulgaria | 0* | 34* | 37* | 48 | 61* | 70 | |
| Czechoslovakia | 30 | 42 | 51 | 57 | 80 | 98 | |
| East Germany | 242* | 335* | 343* | 346* | 365* | 370* | |
| Hungary | 12 | 18 | 26 | 24 | 39 | 62 | |
| Poland | 46* | 137* | 167* | 196* | 230 | 258 | |
| Rumania | *N.A.* | *N.A.* | 9 | 13 | 17 | 18 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 234* | 275* | Netherlands | 336* | 348* | Portugal | 13* | 30* |
| France | 521* | 593* | Norway | 220* | 240* | West Germany | 1,054* | 1,121* |
| Italy | 401* | 437* | | | | | | |

[a] Stated in terms of nitrogen content. To convert to actual production of synthetic ammonia, multiply by 1.2158.

[b] Including for all years, Belgium, France, Italy, the Netherlands, Norway, the US, and West Germany; for 1957–58, Portugal; and for 1950, the UK.

[c] Synthetic anhydrous (commercial grade).

[d] Estimated plan for 1965.



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Table 73
Production of Nitric Acid [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 2,180* | 3,910* | 3,970* | 4,130* | N.A.* | N.A.* | |
| US | 1,211.7* | 2,351.6* | 2,351.8* | 2,579.6* | 2,453.1* | 2,788.6* | |
| Sino-Soviet Bloc | 1,280 | 2,390 | 2,780 | 3,030 | 3,620 | 3,990 | |
| USSR | 892.0 | 1,498.0 | 1,697.0 | 1,816.0 | 1,925.0 | 2,004.0 | 4,800 [c] |
| Communist China | 9.0 | 70.0 | 112.0 | 125.0 | 314.0 | 360.0 | |
| North Korea | 13.9 | 0 | 0 | 0 | 65.0 | 95.0 | |
| European Satellites | 365 | 826 | 974 | 1,090 | 1,320 | 1,530 | |
| Bulgaria | 0* | 115.1* | 114.0* | 143.0 | 184.0 | 208.8* | |
| Czechoslovakia | 45.0 | 93.6 | 136.6 | 160.0 | 186.0 | 229.0 | |
| East Germany | 183.5 | 275.9 | 286.2 | 290.0 | 351.5 | 357.3 | 533 |
| Hungary | 32.0 | 37.8* | 54.7* | 48.7* | 80.0 | 152.5 | |
| Poland | 104.4* | 303.9* | 353.8* | 413.0* | 480.0 | 539.0 | |
| Rumania | *N.A.* | *N.A.* | 29.0 | 32.0 | 39.0 | 40.8 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| France | 1,052.5* | 1,159.9* | Italy | 476.0* | 521.0* | Portugal | 0.6* | *N.A.** |
| Greece | 1.0* | *N.A.** | Norway | 19.5* | *N.A.** | | | |

[a] Data refer to 100-percent nitric acid ($HNO_3$).
[b] Including for all years, France, Italy, Norway, Portugal, and the US; for 1955–56, Canada; for 1950, 1955, and 1957, Greece; and for 1950 only, the UK.
[c] Estimated production for 1965.

Table 74
Production of Soda Ash [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 5,450* | 6,660* | 6,350* | 6,080* | 5,700* | N.A.* | |
| US [c] | 3,621* | 4,452* | 4,534* | 4,226* | 3,927* | 4,442* | |
| Sino-Soviet Bloc | 1,270* | 2,720* | 2,960* | 3,130* | 3,530 | 4,000 | |
| USSR [d] | 749* | 1,437* | 1,545* | 1,618* | 1,694 | 1,870 | 3,388 [e] |
| Communist China | 160* | 405* | 476* | 506* | 640* | 800* | |
| European Satellites | 357* | 876* | 937* | 1,003* | 1,200 | 1,330 | |
| Bulgaria | 0* | 70* | 82* | 90* | 98* | 114* | |
| Czechoslovakia | 82* | 89* | 93* | 91* | 100 | 100 | |
| East Germany | 103* | 458* | 501* | 531* | 553* | 559* | |
| Poland | 133* | 207* | 211* | 224* | 362* | 447* | 646* |
| Rumania | 39* | 51* | 51* | 67* | 83* | 106* | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| France | 826* | 742* | Norway | 20* | 19* | West Germany | 989* | 902* |
| Netherlands | *N.A.** | 88* | Portugal | 16* | 18* | | | |

[a] Unless otherwise indicated, data refer to the total production (100-percent basis) of soda ash (sodium carbonate—$Na_2CO_3$), excluding, as far as possible, natural sodium carbonate and sodium bicarbonate. Production data for the USSR and Communist China includes natural sodium carbonate.
[b] Including for all years, France, Norway, Portugal, the US, and West Germany; for 1950 and 1955, Italy; and for 1958 only, Norway.
[c] 98-percent to 100-percent basis.
[d] 95-percent basis.
[e] Estimated plan for 1965.



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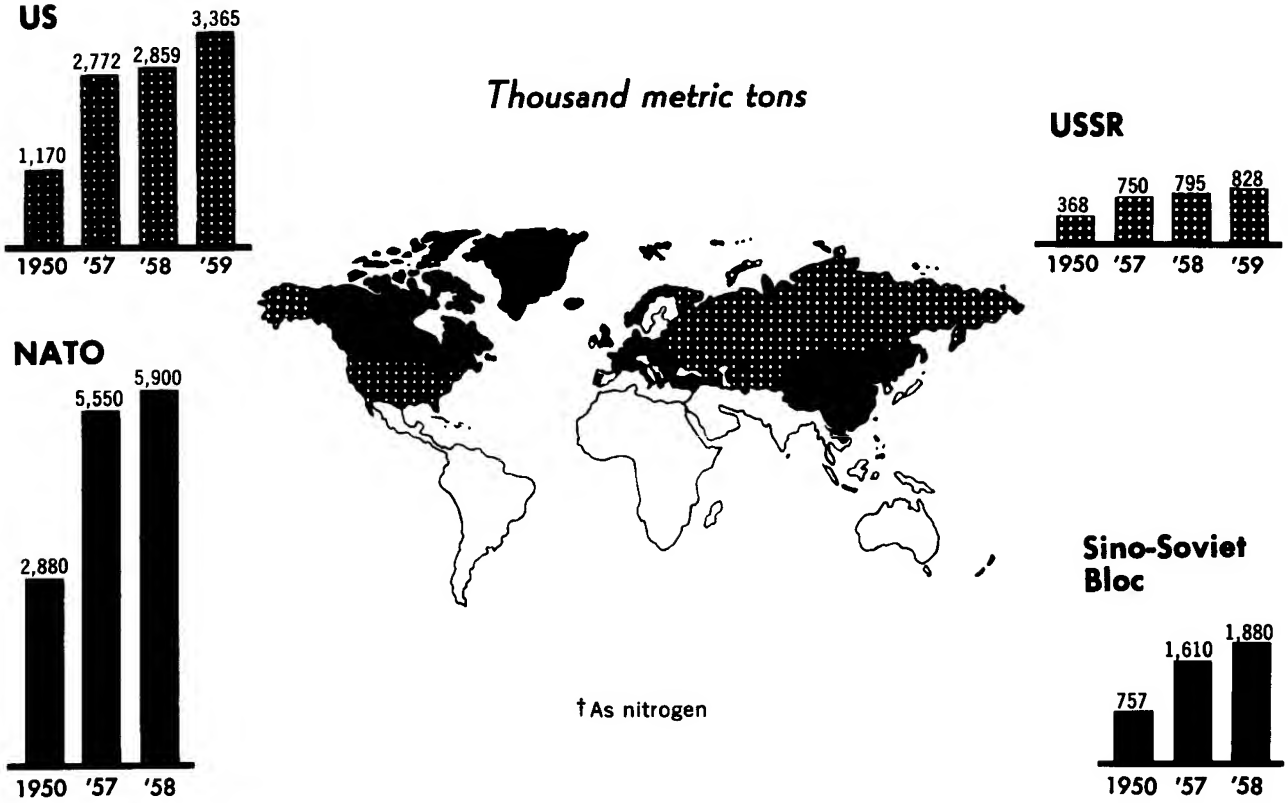
Figure 15

# COMPARISON OF PRODUCTION OF SYNTHETIC AMMONIA† IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN




†As nitrogen

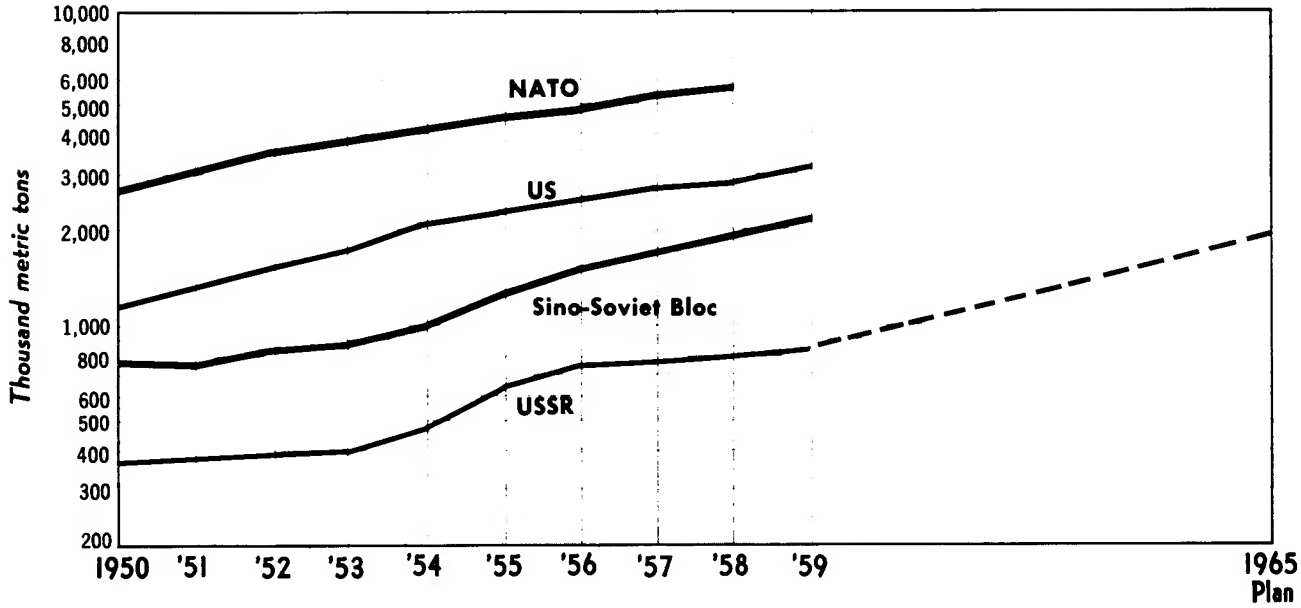



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Table 75
Production of Caustic Soda [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 3,180* | 4,860* | 4,250* | 5,410* | 5,180* | N.A.* | |
| US | 2,278* | 3,542* | 3,822* | 3,919* | 3,679* | 4,241* | |
| Sino-Soviet Bloc | 631 | 1,180* | 1,320* | 1,440 | 1,610 | 1,840 | |
| USSR [c] | 325* | 563* | 631* | 680 | 720 | 800 | 1,440 |
| Communist China | 23* | 137* | 156* | 198* | 270* | 364* | |
| North Korea | *N.A.* | 3* | 6* | 9* | 14* | 24* | |
| European Satellites | 283 | 476* | 526* | 555* | 604* | 652 | |
| Bulgaria | *Negl.** | 2* | 11* | 12* | 14* | 16 | 28* |
| Czechoslovakia | 49* | 82* | 86* | 88* | 93* | 100 | |
| East Germany | 150* | 257* | 275* | 277* | 296* | 304* | |
| Hungary | 6 | 11* | 12* | 13* | 16* | 16* | 40 [d] |
| Poland | 63* | 100* | 119* | 131* | 144* | 152* | 245* |
| Rumania | 15* | 24* | 24* | 34* | 41* | 64* | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Canada | 239* | 281* | Greece | 1* | 1* | Portugal | 17* | 19* |
| Denmark | 4* | 3* | Italy | 296* | 275* | Turkey | 1* | 1* |
| France [e] | 243* | 240* | Norway | 40* | 42* | West Germany | 648* | 636* |

[a] Unless otherwise indicated, data refer to 100-percent NaOH.
[b] Excluding Belgium, Iceland, Luxembourg, the Netherlands, and the UK.
[c] 92-percent basis.
[d] Estimated production for 1965.
[e] Solid soda only, about two-thirds of total production.

Table 76
Production of Chlorine [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 2,270* | 3,810* | 4,240* | 4,490* | N.A.* | N.A.* | |
| US | 1,890.9* | 3,103.6* | 3,445.3* | 3,581.3* | 3,265.6* | 3,886.8* | |
| Sino-Soviet Bloc | 397 | 672 | 732 | 792 | 911 | 1,090 | |
| USSR | 187 | 322 | 361 | 390 | 450 | 520 | 1,200 [c] |
| Communist China | 7.0 | 69.0 | 71.0 | 85.0 | 110.0 | 158.0 | |
| North Korea | 14.8 [d] | 3.0 | 5.3 | 8.1 | 12.4 | 21.0 | |
| European Satellites | 188 | 278 | 294 | 309 | 338 | 391 | |
| Czechoslovakia | 31.0 | 45.5 | 47.0 | 59.0 | 60.0 | 87.5 | |
| East Germany | 142.0 | 210.7* | 214.9* | 208.0* | 218.6 | 230.0 | |
| Hungary | 4.9 | 8.7 | 8.0 | 8.5 | 12.0 | 12.0 | |
| Poland | 5.1 | 8.1* | 19.5* | 27.4* | 37.2* | 46.1* | |
| Rumania | 5.0 | 5.0 | 5.0 | 5.7 | 10.5 | 15.3 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Denmark | 4.0* | 3.0* | Italy | 149.0* | *N.A.** | West Germany | 520.2* | 538.5* |
| France | 211.2* | 245.5* | Norway | 21.0* | 21.6* | | | |

[a] Represents the total production of gas, including quantities later liquefied for use, shipment, or storage.
[b] Including for all years, France, Italy, Norway, the US, and West Germany, and for 1957, Denmark.
[c] Estimated plan for 1965.
[d] 1949.



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Table 77
Production of Calcium Carbide [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 1,760* | 2,320* | 2,520* | 2,660* | 2,740* | N.A.* | |
| US | 609.2* | 793.7* | 929.5* | 921.9* | 819.2* | 923.8* | |
| Sino-Soviet Bloc | 1,180 | 1,610 | 1,730 | 1,840 | 1,990 | 2,120 | |
| USSR | 233.0 | 410.0 | 445.0 | 480.0 | 515.0 | 550.0 | |
| Communist China | 6.0 | 30.0 | 33.0 | 60.0 | 87.0 | 120.0 | |
| North Korea | 95.0 | 68.0 | 99.0 | 143.0* | 150.0* | 135.0* | |
| European Satellites | 845 | 1,100 | 1,150 | 1,160 | 1,240 | 1,320 | |
| Bulgaria | 3.0* | 8.9* | 10.9* | 11.7* | 13.9* | 13.9 | |
| Czechoslovakia | 55.5 | 75.8 | 83.5 | 91.0 | 93.7 | 96.5 | |
| East Germany | 606.1* | 793.0* | 801.7* | 799.1* | 830.7* | 887.5* | 1,180* |
| Hungary | 8.5 | 12.6* | 10.0* | 12.6* | 13.0 | 13.0 | |
| Poland | 172.0* | 211.3* | 213.3* | 210.0* | 251.5* | 264.1* | |
| Rumania | N.A. | N.A. | 30.0 | 36.0 | 39.0 | 42.3 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| France | 283.0* | 346.0* | Norway | 57.0* | 60.0* | UK | 142.0* | 147.0* |
| Italy | 247.0* | 321.0* | Portugal | 4.0* | 6.0* | West Germany | 960.0* | 997.0* |
| Netherlands | 44.0* | 40.0* | | | | | | |

[a] Data refer to commercial grade $CaC_2$.
[b] Including for all years, France, Italy, Norway, Portugal, the UK, the US, and West Germany, and for 1957–58, the Netherlands.

Table 78
Production of Refined Benzol in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US | 882.3* [a] | 1,020.9* | 1,117.6* | 1,100.8* | 953.5* | N.A.* | |
| Sino-Soviet Bloc | 337 | 542 | 572 | 601 | 630 | 711 | |
| USSR | 224.0 | 347.0 | 370.0 | 386.0 | 401.0 | 450.0 | 900 [b] |
| Communist China | 8.0 | 36.0 | 36.0 | 44.0 | 51.0 | 58.0 | |
| European Satellites | 105 | 159 | 166 | 171 | 178 | 203 | |
| Czechoslovakia | 42.5 | 57.0 | 59.7 | 61.5 | 63.5 | 66.8 | |
| East Germany | 8.5 | 11.9 | 12.1 | 11.0 | 11.4 | 12.0 | |
| Hungary | 0.3 | 0.4* | 0.2* | 0.5* | 1.4 | 1.8 | |
| Poland | 53.4 | 89.0 | 93.2 | 97.0 | 99.0 | 120.0 | |
| Rumania | 0.6 | 1.2 | 1.2 | 1.2 | 2.6 | 2.8 | |

[a] 1951.
[b] Estimated production for 1965.



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Table 79
Production of Mineral Fertilizers [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons [b]

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan [c] |
|---|---|---|---|---|---|---|---|
| NATO [d] | 9,500* | 14,200* | 14,600* | 15,300* | 15,800* | 17,200* | |
| US | 3,977.0* | 5,792.0* | 5,943.0* | 6,071.0* | 6,258.0* | 7,117.0* | |
| Sino-Soviet Bloc | 3,040 | 4,740 | 5,200 | 5,560 | 6,040 | 6,520 | |
| USSR | 1,234.7 | 2,293.9 | 2,606.3 | 2,783.0 | 2,940.7 | 3,045.0 | 8,220.0 |
| Communist China | 15.8 | 85.0 | 131.6 | 159.0 | 266.3 | 410.6 | |
| North Korea | *N.A.* | 16.3 | 38.9 | 65.1 | 93.6 | 101.5 | |
| European Satellites | 1,790 | 2,350 | 2,420 | 2,560 | 2,740 | 2,960 | |
| Bulgaria | 0 | 30.3 | 33.4 | 41.9 | 55.3 | 84.2 | |
| Czechoslovakia | 94.0 | 158.7 | 171.6 | 184.8 | 225.5 | 268.0 | 577.5 |
| East Germany | 1,498.2 | 1,821.0 | 1,857.6 | 1,926.2 | 1,984.3 | 2,034.2 | 2,798.0 |
| Hungary | 39.8 | 41.3 | 44.8 | 46.5 | 67.1 | 91.4 | 192.0 |
| Poland | 160.3 | 286.0 | 298.7 | 339.3 | 381.8 | 429.5 | 860.0 |
| Rumania | 0.8 | 10.7 | 12.7 | 18.3 | 28.9 | 52.0 | 570.4 |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 562.4* | 617.0* | Iceland | 6.5* | 6.0* | Portugal | 89.5* | 116.7* |
| Canada | 325.0* | 340.0* | Italy | 819.1* | 955.9* | Turkey | 7.4* | 13.7* |
| Denmark | 84.2* | 89.0* | Luxembourg | 112.0* | 109.8* | UK | 682.3* | 715.4* |
| France | 2,703.0* | 2,798.6* | Netherlands | 549.3* | 568.3* | West Germany | 3,301.6* | 3,420.1* |
| Greece | 50.5* | 50.6* | Norway | 268.7* | 275.8* | | | |

[a] Including, where produced, nitrogen fertilizers (in terms of nitrogen), phosphorous fertilizers (in terms of phosphoric anhydride), and potassium fertilizers (in terms of potassium oxide).

[b] Tonnages given refer to the nutrients expressed as nitrogen, phosphoric anhydride, and potassium oxide.

[c] Estimated plan for 1965.

[d] The years for the NATO data are "fertilizer years," that is, the 12 months ending on 30 June of the stated year.



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Table 80
Production of Synthetic Rubber [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 543* | 1,100* | 1,230* | 1,280* | 1,260* | 1,660* | |
| US | 483.8* | 986.0* | 1,096.9* | 1,136.1* | 1,071.5* | 1,401.8* | |
| Sino-Soviet Bloc | 182 | 311 | 308 | 345 | 385 | 406 | |
| USSR | 143.0 | 240.0 | 235.0 | 270.0 | 300.0 | 315.0 | 810.0 [c] |
| European Satellites | 39.4 | 71.3 | 73.1 | 74.9 | 84.8 | 91.2 | |
| Czechoslovakia | 0.4 | 0.6 | 0.6 | 0.6 | 0.9 | 1.0 | 30.0* |
| East Germany | 39.0 | 70.7 | 72.5 | 74.3* | 83.8* | 85.2* | 105.0* |
| Poland | 0* | 0* | 0* | 0* | 0* | 5.0* | 50.0 [d] |
| Rumania | 0 | 0 | 0 | 0 | 0 | 0 | 50.0 [d] |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada | 137.2* | 102.3* | Italy | 20.3* | 39.0* | West Germany | 23.1* | 48.9* |
| France | *N.A.** | 6.0* | UK | 11.5* | 57.9* | | | |

[a] Data include copolymers of butadiene with styrene and acrylonitrile and neoprene and butyl rubber. Latices are included.
[b] Including for all years, Canada and the US; for 1959, France; for 1958–59, Italy; for 1957–59, the UK; and for 1955–59, West Germany.
[c] Estimated plan for 1965. It is believed that the plan will be underfulfilled and that production will be about 600,000 metric tons.
[d] Estimated plan for 1965.

Table 81
Production of Rubber Tires [a]
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 98,200* | 134,000* | 121,000* | 128,000* | 119,000* | 144,000* | |
| US [c] | 92,754* | 112,178* | 100,382* | 106,941* | 96,563* | 117,875* | |
| Sino-Soviet Bloc | 9,690 | 14,500 | 16,500 | 18,600 | 21,400 | 24,400 | |
| USSR [d] | 7,401* | 10,190* | 11,334* | 12,786* | 14,395* | 15,500* | 29,000* |
| Communist China | 67 | 593 | 783 | 873 | 1,500 | 1,800 | |
| European Satellites | 2,220 | 3,700 | 4,420 | 4,920 | 5,530 | 7,070 | |
| Bulgaria | 38* | 72* | 102* | 115* | 125 | 132 | |
| Czechoslovakia | 1,390 | 1,550 | 1,750 | 1,939 | 2,000 | 2,860 | |
| East Germany | 394 | 1,225 | 1,480 | 1,452* | 1,626* | 1,892* | 3,125 [e] |
| Hungary | 104* | 245* | 240* | 294* | 300 | 350 | 500 [f] |
| Poland | 215 | 425* | 646* | 887 | 1,205 | 1,517 | 2,000* |
| Rumania | 81* | 180* | 199* | 236* | 270* | 321 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|
| Canada [g] | 7,800* | 9,358* | UK | 14,696* | 17,008* |

[a] Unless otherwise indicated, data include motor vehicle tires and exclude aircraft and bicycle tires.
[b] Including for all years, Canada and the US, and for 1955–59, the UK.
[c] Excluding solid rubber tires and pneumatic tires for motorcycles and bicycles and tires used by aircraft, by industry and by agriculture.
[d] Believed to include all categories of tires except bicycle and possibly aircraft tires.
[e] Estimated plan for 1965 from published figure for "tires of all types," aircraft tires are presumably included.
[f] Estimated plan for 1965.
[g] Including a small number of imported tires and possibly aircraft tires.



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Table 82
Production of Electric Motors [a] in the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Thousand Kilowatts

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| Sino-Soviet Bloc | **10,300** | **15,300** | **17,400** | **20,700** | **29,700** | **N.A.** | |
| USSR | 6,780* | 8,819* | 9,754* | 11,691* | 14,380* | 16,393* | 33,000* |
| Communist China | 199* | 607* | 1,069* | 1,455* | 6,052* | *N.A.* | |
| European Satellites | **3,370** | **5,860** | **6,620** | **7,540** | **9,260** | **N.A.** | |
| Bulgaria | 65* | 114* | 105* | 200* | 467* | *N.A.* | |
| Czechoslovakia [b] | 1,327* | 1,180* | 1,407* | 1,649* | 1,957* | 1,695 | |
| East Germany | 1,140 | 2,150 | 2,400 | 2,700 | 3,000 | 3,500 | |
| Hungary | 352 | 1,180 | 1,320 | 1,470 | 1,650 | 1,840 | |
| Poland | 392 | 1,092* | 1,214* | 1,247* | 1,808* | 2,230 | |
| Rumania | 94* | 147* | 172* | 275* | 374* | 467* | |

[a] All sizes. Unless otherwise indicated, including alternating and direct current.
[b] Alternating current only.

Table 83
Production of Electric Generators [a] in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Thousand Kilowatts

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US [b] | 6,788* | 10,584* | 9,128* | 14,256* | 17,833* | 13,977* | |
| Sino-Soviet Bloc | **1,730** | **6,610** | **7,280** | **7,990** | **8,740** | **11,900** | |
| USSR | 934* | 4,526* | 5,184* | 5,558* | 5,200* | 6,500* | 18,400* |
| Communist China | *N.A.* | 108* | 281 | 198 | 800 | 2,150* | |
| European Satellites | **794** | **1,970** | **1,810** | **2,240** | **2,740** | **3,290** | |
| Bulgaria | 0* | 10* | 1* | 0* | 0* | 0* | |
| Czechoslovakia [c] | 506* | 1,179* | 808* | 1,004* | 1,248 | 1,552 | |
| East Germany | 50 | 500 | 650 | 800 | 950 | 1,100 | |
| Hungary | 230 | 225 | 250 | 300 | 350 | 400 | |
| Poland | *Negl.* | 12 | 50 | 75 | 140 | 200 | |
| Rumania | 8 | 46 | 52 | 56 | 47* | 38* | |

[a] Unless otherwise indicated, all sizes, including alternating and direct current.
[b] Units of 4,000 kilowatts and larger.
[c] Alternating current only.



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Table 84
Production of Turbines [a] in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Thousand Kilowatts

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US [b] | 6,788* | 10,584* | 9,128* | 14,256* | 17,833* | 13,977* | |
| Sino-Soviet Bloc | **3,150** | **7,580** | **7,880** | **7,130** | **9,300** | **11,900** | |
| USSR [c] | 2,696* | 5,561* | 5,848* | 5,370* | 6,631* | 7,600* | 18,700 to 20,400* |
| Communist China | *N.A.* | 69* | 223* | 198* | 800* | 2,150* | |
| European Satellites | **452** | **1,950** | **1,810** | **1,560** | **1,870** | **2,160** | |
| Czechoslovakia | 281* | 1,004* | 982* | 674* | 964* | 1,168* | 2,590* |
| East Germany | 171 | 673 | 768 | 800 | 830 | 860 | 1,606* [d] |
| Hungary | *N.A.* | 240* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | |
| Poland | *Negl.** | 19* | 40* | 65* | 53* | 129* | 550* [d] |
| Rumania | 0* | 15* | 18* | 22* | 23* | *N.A.* | |

[a] Unless otherwise indicated, data refer to steam and hydraulic turbines. Most turbine production is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.
[b] Units of 4,000 kilowatts and larger.
[c] Including a small amount of gas turbines.
[d] Steam turbines only.

Table 85
Production of Electron Tubes in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Million Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US [a] | 383.0* | 479.8* | 464.2* | 456.4* | 397.4* | 432.9* | |
| Sino-Soviet Bloc | **33.2** | **104** | **121** | **138** | **175** | **209** | |
| USSR | 25.2* | 76.6* | 89.6* | 98.0* | 110.0* | 119.0* | 250.0 [b] |
| Communist China | *Negl.* | 0.3 | 0.5 | 6.0 | 21.4 | 42.8 | |
| European Satellites | **8.0** | **27.6** | **31.0** | **34.2** | **43.2** | **47.3** | |
| Czechoslovakia | 2.7 | 6.7 | 8.3 | 9.3 | 10.6 | 11.7 | 26.5 [c] |
| East Germany | 2.7 | 9.5 | 10.0 | 12.6 | 16.2 | 17.4 | 30.0 [c] |
| Hungary | 2.6 | 8.6 | 8.7 | 7.0 | 9.5 | 10.0 | 12.5 [b] |
| Poland | *Negl.* | 2.6* | 3.5* | 4.6 | 5.9 | 7.2 | 20.3* |
| Rumania | *Negl.* | 0.2 | 0.5 | 0.7 | 1.0 | 1.0 | |

[a] Including only those tubes manufactured for civilian use.
[b] Estimated production for 1965.
[c] Estimated plan for 1965.



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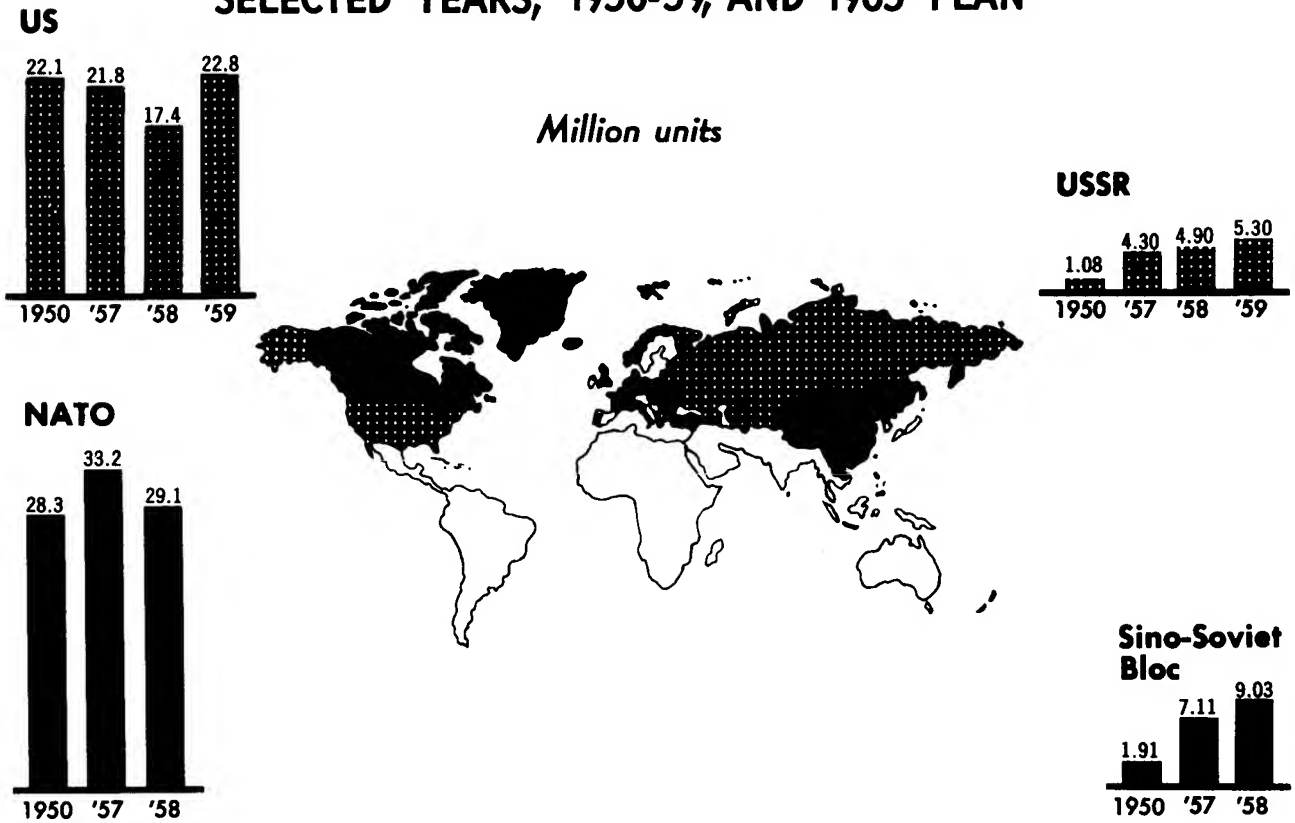
# COMPARISON OF PRODUCTION OF RADIO RECEIVERS AND TELEVISION RECEIVERS IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



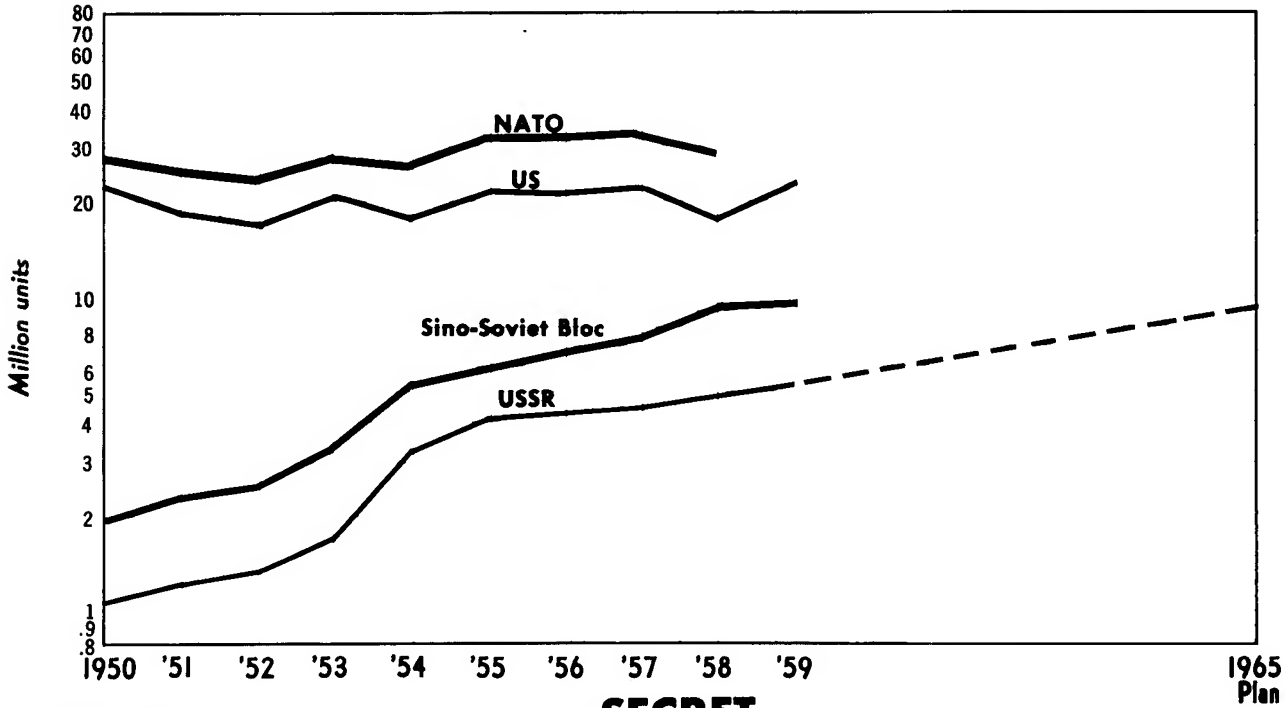




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Table 86
Production of Radio Receivers [a]
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 20,300* | 21,800* | 21,700* | 23,300* | 19,900* | N.A.* | |
| US | 14,590* | 14,529* | 13,982* | 15,428* | 12,507* | 16,451* | |
| Sino-Soviet Bloc | 1,900 | 5,400 | 5,790 | 6,200 | 7,620 | 7,760 | |
| USSR | 1,071* | 3,529* | 3,675* | 3,600* | 3,900* | 4,000* | 5,977* |
| Communist China | *Negl.* | 50 | 190 | 360 | 1,300 | 1,500 | |
| European Satellites | 832* | 1,820* | 1,920* | 2,240* | 2,420* | 2,260 | |
| Bulgaria | 8* | 66* | 92* | 108* | 132* | 140 | |
| Czechoslovakia | 293* | 102* | 221* | 255* | 303* | 280* | |
| East Germany | 277* | 725* | 653* | 664* | 609* | 666 | 875 |
| Hungary | 98* | 377* | 352* | 453* | 452* | 259* | |
| Poland | 116* | 461* | 499* | 646* | 790* | 750* | 1,100* |
| Rumania | 40* | 89* | 104* | 113* | 139* | 167* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada [c] | 696* | 770* | UK | 1,812* | 1,837* | West Germany | 3,288* | *N.A.** |
| France | 1,583* | *N.A.** | | | | | | |

[a] Civilian radio receivers, including radio-phonograph combinations.
[b] Including for all years, Canada, France, the UK, the US, and West Germany; except for 1957 and 1958, Denmark; and except for 1956–58, Norway.
[c] Producer sales.

Table 87
Production of Television Receivers
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 8,040* | 10,800* | 10,300* | 9,850* | 9,160* | N.A.* | |
| US | 7,464* | 7,756* | 7,387* | 6,399* | 4,920* | 6,349* | |
| Sino-Soviet Bloc | 12* | 550* | 696* | 910* | 1,408* | 1,990* | |
| USSR | 12* | 495* | 596* | 700* | 1,000* | 1,300* | 3,325* |
| European Satellites | 0* | 56* | 100* | 210* | 408* | 692* | |
| Czechoslovakia | *Negl.** | 17* | 40* | 79* | 134* | 197* | 400* |
| East Germany | *Negl.** | 39* | 55* | 109* | 180* | 290* | 670* |
| Hungary | 0* | *Negl.** | 2* | 6* | 37* | 88* | 166* |
| Poland | 0* | *Negl.** | 2* | 16* | 57* | 117* | 440* |

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada [b] | 420* | 405* | UK | 1,985* | 2,838* | West Germany | 1,487* | *N.A.** |
| France | 349* | *N.A.** | | | | | | |

[a] Including for all years, Canada, France, the UK, and the US; except for 1950, 1957, and 1958, Denmark; and except for 1950, West Germany.
[b] Producer sales.



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Table 88
Production of Metalcutting Machine Tools in the US and the Sino-Soviet Bloc
1950 and 1955–59

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| US | 46.00* | 56.00* | 70.00* | 60.00* | 30.00* | 33.90* |
| Sino-Soviet Bloc | 105 | 186 | 209 | 227 | 258 | 293 |
| USSR | 70.60* | 117.09* | 121.30* | 130.00* | 138.00* | 146.00* |
| Communist China | 3.31* | 13.71* | 25.93* | 28.30* | 50.00*[a] | 70.00*[a] |
| North Korea | 0* | *N.A.* | 1.01* | 1.02* | 1.45* | 2.20 |
| North Vietnam | 0* | 0.04* | *N.A.* | *N.A.* | 1.04* | 1.50 |
| European Satellites | N.A. | 54.8 | 60.9 | 68.0 | 67.8 | 73.7 |
| Bulgaria | 0.90* | 1.40* | 1.06* | 1.66* | 1.97* | 2.50 |
| Czechoslovakia | 12.91* | 18.49* | 19.02* | 22.67* | 22.12* | 24.00* |
| East Germany | 13.58 | 16.21 | 18.57 | 17.55 | 18.50 | 19.00 |
| Hungary | 3.45* | 5.28* | 6.25*[a] | 7.71*[a] | 6.00 | 6.50 |
| Poland | *N.A.* | 12.72* | 15.14* | 17.42* | 18.13* | 20.50* |
| Rumania | 0.18* | 0.71* | 0.84* | 1.02* | 1.08* | 1.21* |

[a] Including items not previously reported as machine tools.

Table 89
Production of Metalforming Machine Tools[a] in the US and the USSR
1950 and 1955–59

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| US | *N.A.** | *N.A.** | 34.7* | 28.9* | 21.0* | 25.0* |
| USSR | 9.0* | 19.4* | 20.5* | 24.0* | 24.6* | 28.5* |

[a] Metalforming machine tools are defined as power driven; not supported in the hands of an operator when in use; and designed to press, forge, emboss, hammer, extrude, blank, spin, shear, or bend metal into shape.

Table 90
Production of Antifriction Bearings[a] in the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Million Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| Sino-Soviet Bloc | 104 | 252 | 307 | 357 | 417* | 463 | |
| USSR | 93.3* | 218.0* | 263.0* | 296.0* | 325.0* | 350.0* | |
| Communist China | 0.4* | *N.A.* | *N.A.* | 10.5* | 29.4* | 42.0* | |
| European Satellites | 10.5 | 33.5 | 44.3 | 50.5 | 62.9* | 71.1 | |
| Czechoslovakia | 5.9* | 14.3* | 18.0* | 22.7* | 27.1* | 30.2* | |
| East Germany | 3.9 | 14.2 | 17.4 | 17.3 | 22.6* | 24.0 | 60.0* |
| Hungary | *N.A.* | *N.A.* | 2.2 | 2.8 | 3.5* | 4.5* | |
| Poland | 0.5* | 3.3* | 4.6* | 5.4* | 6.9* | 8.9* | |
| Rumania | 0.2* | 1.7* | 2.1* | 2.3* | 2.8* | 3.5* | |

[a] Data for the US in terms of production of antifriction bearings are not available. Shipments in current US dollars for ball and roller bearings and components totaled, for 1950, US $450 million; for 1955, US $674 million; for 1956, US $735 million; and for 1957, US $750 million.



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Table 91
Production of Metallurgical Equipment [a] in the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| Sino-Soviet Bloc | 152* | 272 | 273 | 265* | 379* | 522* | |
| USSR | 111.2* | 172.1* | 177.2* | 167.2* | 172.7* | 200.0* | 200.0 to 220.0* [b] |
| Communist China [c] | *Negl.** | 11.5 | 12.5 | 13.9* | 110.0* | 205.0* | |
| European Satellites | 41.1* | 88.1* | 83.2* | 83.8* | 96.2* | 117* | |
| Czechoslovakia | 20.3* | 37.3* | 29.5* | 37.4* | 55.3* | 85.6* | 182.6* |
| East Germany [d] | 17.2* | 24.3* | 27.8* | 22.1* | 13.6* | *N.A.* | |
| Poland | 3.6* [e] | 22.9* | 16.5* | 10.6* | 12.0* | 15.2* | |
| Rumania | *Negl.** | 3.6* | 9.4* | 13.7* | 15.3* | 15.8* | |

[a] Metallurgical equipment includes rolling mills; mechanical equipment for coke, blast, and smelting furnaces; mixers; crushers; grinding mills for ore and coal; agglomeration installations; and special hoist-transport mechanisms for metallurgical shops. Equipment for nonferrous shops is believed to be included but probably amounts to only a small percentage of total physical volume. Data are not available for the US in terms of metric tons. Expenditures in the US in current US dollars for new machinery and equipment for blast furnaces, steel mills, and nonferrous metal-producing facilities totaled US $354 million for 1950, US $522 million for 1955, US $950 million for 1956, and US $1,331 million for 1957.

[b] The plan for 1965 is for rolling mill equipment only, which normally constitutes 50 to 60 percent of all metallurgical equipment produced in the USSR.

[c] Production in Communist China in 1958 and 1959 included large quantities of small-scale equipment not normally produced in other Bloc countries.

[d] Rolling mill equipment only. Production data are not available for all metallurgical equipment.

[e] 1949.

Table 92
Production of Chemical Equipment in Selected Sino-Soviet Bloc Countries
1950, 1955–59, and 1965 Plan

| Country | Unit of Measure | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|---|
| USSR | Thousand tons [a] | 43* | 111* | 114* | 135 | 154 | 232 | 490 |
| | Million rubles [b] | *N.A.* | 810 | 837* | 989* | 1,129* | 1,700* | 3,500 to 3,700* |
| Czechoslovakia | Thousand tons | 4 | 29* | 26* | 26* | 41* | 55 | 225 |
| | Million crowns [c] | *N.A.* | 327.5* | 271.7* | 269.5* | 409.2* | 540 | 2,268* |
| East Germany | Thousand tons | *N.A.* | *N.A.* | 32* | 39* | 48 | 55 | 130 |
| | Million DME [d] | 171.2* | 297.8* | 292.4* | 338.8* | 394.3* | *N.A.* | *N.A.* |
| Hungary | Thousand tons | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 15 | 50 |
| Poland | Thousand tons | 7* | 28* | 28* | 29* | 32* | 25 | 85 |
| Rumania | Thousand tons | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 12 | 35 |

[a] Tonnages are given in metric tons.

[b] Value figures probably are based on 1955 prices.

[c] Value figures probably are based on 1954 prices.

[d] Deutsche Mark East. Including pumps and compressors. Value figures are based on 1955 constant plan prices. Value for 1950 is converted to constant plan price on the basis of production figures for 1955.



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Table 93
Production of Grain Combines [a]
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| UK | 4,325* | 6,209* | 5,088* | 6,883* | 6,553* | 4,440* | |
| US | 116,137* | 63,739* | 42,233* | 44,704* | 47,137* | *N.A.** | |
| Sino-Soviet Bloc | 46,400 | 51,200* | 86,400* | 137,000* | 74,900* | 62,000 | |
| USSR | 46,338* | 48,012* | 81,800* | 131,500* | 65,000* | 54,700* [b] | 65,000 [c] |
| Communist China | 0* | 3* | 22* | 124* | 545* | 1,240* | |
| European Satellites | 56 | 3,200* | 4,570* | 5,040* | 9,340* | 6,090 | |
| Bulgaria | 1 | 300* | 600* | 1,309* | 1,600* | *N.A.* [d] | |
| Czechoslovakia | 0* | 5* | 337* | 83* | 0* [e] | 0* | |
| East Germany | 0* | 1,053* | 1,374* | 422* | 475* | 897* | 2,200* [f] |
| Hungary | 5* | 1,535* | 1,474* | 511* | 1,338* | 1,661* [g] | 3,500* [h] |
| Poland | 0* | 300* | 662* | 419* | 23* | 29* | |
| Rumania | 50* | 2* | 120* | 2,301* | 5,901* | 3,500 | |

[a] Tractor-drawn and self-propelled.
[b] Production of tractor-drawn grain combines was dropped in the USSR in the first half of 1958 except for limited production for the northern regions of a small combine that is operated through a power take-off from a tractor.
[c] Estimated plan for 1965.
[d] Production probably ceased some time during 1959 or may not even have been carried over into 1959.
[e] Production ceased in 1957 in favor of imports of this item from Hungary. There are no known plans for resumption of production in the future.
[f] Production "after 1960" during the Seven Year Plan has been planned at an annual average of 2,200 units.
[g] Plan.
[h] Estimated plan for 1965. The EMAG (Elso Magyar Gazdasogi Gepgyar) Plant in Hungary, which produced grain combines, is expected to produce 3,500 units, presumably by 1965.

Table 94
Production of Tractors
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 742* | 751* | 620* | 653* | 646* | N.A.* | |
| US | 542.4* | 377.1* | 272.3* | 265.9* | 265.5* | 304.5* | |
| Sino-Soviet Bloc | 136* | 200* | 224* | 243* | 262* | 272 | |
| USSR | 108.8* | 163.4* | 183.5* | 203.8* | 219.7* | 213.5* | 375.0* |
| Communist China | 0* | 0* | 0* | 0* | 1.0* | 4.9* | |
| North Korea | 0* | 0* | 0* | 0* | 0* | 1.2 | |
| European Satellites | 27.2* | 36.6* | 40.6* | 38.8* | 41.8* | 52.3 | |
| Czechoslovakia | 10.5* | 12.6* | 18.0* | 21.2* | 24.6* | 29.2* | 43.1* |
| East Germany | 5.2* | 7.8* | 7.0* | 3.9* | 4.3* | 6.7 [b] | |
| Hungary | 4.1* | 4.7* | 2.9* | 1.4* | 1.5* | 2.3* | |
| Poland | 4.0* | 8.1* | 8.5* | 6.9* | 4.4* | 3.0* | 30.0* |
| Rumania | 3.5* | 3.5* | 4.2* | 5.5* | 7.0* | 11.0* | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| France | 93.4* | 92.9* | UK | 147.1* | 143.9* | West Germany | 118.2* | 118.3* |
| Italy | 28.0* | 25.6* | | | | | | |

[a] Including France, Italy, the UK, the US, and West Germany.
[b] Plan.



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Table 95
Production of Tractor Drills [a]
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| UK [b] | 6,469* | 3,796* | 2,993* | 4,164* | 3,695* | 4,581* | |
| US [c] | 153,421* [d] | 72,212* | 63,347* | 61,029* | 58,760* | *N.A.** | |
| Sino-Soviet Bloc | **126,000*** | **139,000*** | **210,000*** | **292,000*** | **230,000*** | **N.A.** | |
| USSR | 118,400* | 123,300* | 199,400* | 278,100* | 218,300* | 136,500* | 110,000 [e] |
| European Satellites | **8,080*** | **15,400*** | **10,900*** | **14,200*** | **11,500*** | **N.A.** | |
| Bulgaria | 590* | 2,452* | 1,901* | 2,069* | 666* | 1,843* | |
| Czechoslovakia | 2,827* | 7,160* | 4,450* | 5,494* | 3,310* | *N.A.* | |
| East Germany | 4,208* | 2,390* | 3,085* | 2,162* | 3,056* | *N.A.* | |
| Hungary | *N.A.* | *N.A.* | *N.A.* | 1,410* | *N.A.* | *N.A.* | |
| Poland | 10* | 2,006* | 584* | 20* | 0* | 0* | |
| Rumania | 450* | 1,428* | 901* | 3,011* | 4,496* | 6,200* [f] | |

[a] Including tractor-drawn and tractor-mounted drills.
[b] Including combined seed and fertilizer drills.
[c] Excluding tractor-drawn corn planters and tractor-drawn corn and cotton planters. Published data list drawn units as a category without a breakdown into tractor-drawn and horse-drawn units. If it is assumed that the "3-row and larger" drawn corn planters are tractor drawn, production for the years shown would increase by the following amounts: 1951, 80,549 (two-row and larger); 1955, 20,573; 1956, 16,480; 1957, 18,635; and 1958, 31,512.
[d] 1951.
[e] Estimated plan based on reported deliveries to agriculture of 750,000 tractor drills during the Seven Year Plan (1959–65), or an annual average of 107,100 units.
[f] Plan.

Table 96
Production of Tractor Moldboard Plows [a]
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| UK | 52,080* | 26,571* | 19,534* | 22,443* | 27,835* | 23,848* | |
| US | 341,710* | 141,174* | 101,915* | 103,287* | 109,238* | 112,242* | |
| Sino-Soviet Bloc | **168,000*** | **137,000*** | **161,000*** | **170,000*** | **203,000*** | **193,000*** | |
| USSR | 121,900* | 103,200* | 123,500* | 127,800* | 164,000* | 155,000* | 150,000 [b] |
| European Satellites | **45,900*** | **33,300*** | **37,000*** | **42,700*** | **39,000*** | **N.A.** | |
| Bulgaria | 900* | 1,947* | 3,374* | 4,303* | 2,700* | 4,788* | |
| Czechoslovakia | 20,812* | 9,955* | 9,786* | 14,213* | 11,554* [c] | 11,215* | |
| East Germany | 7,304* | 3,572* | 5,056* | 3,587* | 3,784* | *N.A.* | |
| Hungary | 3,274* | 4,556* | 1,876* | 1,056* | *N.A.* | *N.A.* | |
| Poland | 8,600* | 9,296* | 13,185* | 15,515* | 14,830* | 12,500* | |
| Rumania | 5,030* | 4,005* | 3,766* | 4,006* | 5,738* | 9,396* | |

[a] Excluding surface (shallow) plows.
[b] Estimated plan for 1965 based on the reported total delivery of 1 million tractor plows to agriculture during the Seven Year Plan (1959–65), or an annual average of 143,000.
[c] Excluding production of USVD (Central Union of Producer Cooperatives).



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Table 97
Construction of Maritime Vessels [a]
1950 and 1955–59

Thousand Gross Register Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | 4,020* | 4,960* | 5,440* | 6,590* | 7,180* | 6,480* |
| US | 340.0* | 104.0* | 209.0* | 520.0* | 862.0* | 603.0* |
| Sino-Soviet Bloc | 76.8 | 306 | 389 | 373 | 417 | 488 |
| USSR | 43.0 | 132.0 | 206.6 | 178.7 | 150.0 | 200.2 |
| Communist China | 4.0 | 22.0 | 15.0 | 20.0 | 30.0 | 30.8 |
| European Satellites | 29.8 | 152 | 167 | 175 | 237 | 257 |
| East Germany | 5.6 | 61.1 | 54.1 | 55.4 | 100.5 | 99.8 |
| Hungary | 13.8 | 15.6 | 21.3 | 12.3 | 20.4 | 13.3 |
| Poland | 10.4 | 75.1 | 91.5 | 107.0 | 116.5 | 143.9 |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 156.0* | 175.0* | Italy | 885.0* | 707.0* | Portugal | 44.0* | 21.0* |
| Denmark | 199.0* | 270.0* | Netherlands | 781.0* | 745.0* | UK | 2,234.0* | 2,033.0* |
| France | 593.0* | 624.0* | Norway | 329.0* | 382.0* | West Germany | 1,094.0* | 916.0* |

[a] Including only countries in which domestic construction is a significant percentage of over-all construction. Data refer to oceangoing tankers, cargo and passenger vessels, self-propelled barges, and harbor craft put into place during the year.
[b] Excluding Canada, Greece, Iceland, Luxembourg, and Turkey.

Table 98
Construction of Inland and Fishing Vessels in the Sino-Soviet Bloc [a]
1950 and 1955–59

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| | Inland Self-Propelled | | | | | |
| | Thousand Horsepower | | | | | |
| Sino-Soviet Bloc | 71.5 | 145 | 143 | 177 | 204 | 222 |
| USSR | 48.9 | 72.6 | 84.0 | 99.5 | 115.1 | 130.7 |
| Communist China | 13.0 | 26.0 | 24.0 | 30.0 | 40.0 | 50.0 |
| European Satellites | 9.6 | 46.8 | 34.9 | 47.8 | 48.5 | 41.6 |
| Czechoslovakia | 7.2 | 13.8 | 13.8 | 15.9 | 17.2 | 14.4 |
| East Germany | 0 | 6.6 | 10.7 | 20.1 | 19.0 | 17.2 |
| Hungary | 2.4 | 26.4 | 10.4 | 11.8 | 12.3 | 10.0 |
| | Inland Non-Self-Propelled | | | | | |
| | Thousand Deadweight Tons Carrying Capacity | | | | | |
| Sino-Soviet Bloc | 740 | 685 | 582 | 501 | 456 | 437 |
| USSR | 725.2 | 614.1 | 456.4 | 355.0 | 295.0 | 260.0 |
| Communist China | 12.0 | 51.0 | 93.0 | 110.0 | 130.0 | 145.0 |
| European Satellites | 2.4 | 20.0 | 32.4 | 34.6 | 31.0 | 32.0 |
| Czechoslovakia | 2.4 | 18.0 | 24.4 | 26.6 | 25.0 | 25.0 |
| Hungary | 0 | 2.0 | 8.0 | 8.0 | 6.0 | 7.0 |
| | Fishing | | | | | |
| | Thousand Gross Register Tons | | | | | |
| Sino-Soviet Bloc | 71.8 | 101 | 89.2 | 108 | 142 | 154 |
| USSR | 9.9 | 22.5 | 31.7 | 40.9 | 75.2 | 59.4 |
| Communist China | 0 | 6.0 | *N.A.* | *N.A.* | *N.A.* | *N.A.* |
| North Korea | 2.5 | 5.0 | *N.A.* | *N.A.* | *N.A.* | *N.A.* |
| European Satellites | 59.4 | 67.4 | 57.4 | 67.4 | 66.6 | 94.2 |
| East Germany | 55.4 | 48.5 | 42.9 | 39.0 | 23.6 | 29.9 |
| Poland | 4.0 | 18.9 | 14.6 | 28.4 | 43.0 | 64.3 |

[a] Including only countries in which domestic construction is a significant percentage of over-all construction.



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Table 99
Production of Mainline Locomotives [a]
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 4,940* | 3,520* | 4,150* | 4,000* | 3,210* | N.A.* | |
| US [c] | 3,144* | 1,664* | 2,257* | 2,036* | 1,385* | 1,237* | |
| Sino-Soviet Bloc | 1,940 | 1,790 | 1,660 | 1,440 | 1,840 | 2,590 | |
| USSR | 1,212* | 982* | 867* | 670* | 1,056* | 1,437* | 2,550 to 2,700* |
| Communist China | 0* | 98 | 184 | 167* | 350* | 532 | |
| European Satellites | 730 | 712 | 604 | 598 | 435 | 623 | |
| Czechoslovakia [d] | 221 | 175* | 115* | 156* | 152* | 170 | 790* |
| East Germany | 0 | 27 | 31 | 20 | 50 | 50 | |
| Hungary | 213* | 148* | 127* | 136* | 100 | 150 | |
| Poland | 240* | 308* | 278* | 221* | 85* | 174* | |
| Rumania | 56* | 54* | 53* | 65* | 48* | 79* | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Canada | 521* | 417* | Italy | 85* | 112* | UK | 1,142* | 1,063* |
| France | 216* | 229* | | | | | | |

[a] Including all types (diesel, diesel-electric, electric, and steam). For detailed data for diesel and electric locomotives, see Tables 100 and 101 (p. 80, below).
[b] Including for all years, Canada, France, Italy, the UK, and the US, and for 1950 only, Denmark and West Germany. Data for Italy include only locomotives produced for state railroads.
[c] Data refer to units put in service on first-class railroads and include mainline locomotives exported in the following amounts: for 1950, 756; for 1955, 482; for 1956, 804; for 1957, 720; for 1958, 951; and for 1959, 395.
[d] May include nonmainline types.

Table 100
Production of Mainline Diesel Locomotives
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| France | 43* [a] | 172* | 141* | 216* | 229* | 113* | |
| UK | 515* | 760* | 937* | 922* | 958* | N.A.* | |
| US [b] | 2,376* | 1,172* | 1,445* | 1,312* | 430* | 837* | |
| Sino-Soviet Bloc | 125* | 138 | 169 | 472* | 772 | 1,180* | |
| USSR | 125* | 134* | 161* | 400* | 712* | 1,002* | |
| Communist China | 0* | 0* | 0* | 0* | 2 | 3* | |
| European Satellites | 0* | 4 | 8 | 72* | 60 | 175* | |
| Czechoslovakia [c] | 0* | 2 | 4 | 27* | 60 | 90* | 590* |
| East Germany [c] | 0* | N.A. | N.A. | N.A. | N.A. | N.A. | 183* |
| Hungary [c] | N.A. | 2 | 4 | 45* | N.A. | N.A. | |
| Poland [c] | N.A. | N.A. | N.A. | N.A. | N.A. | 85* | |

[a] 1952.
[b] Data refer to units put into service on first-class railroads but do not include exports.
[c] Data may include some nonmainline types.



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Table 101
Production of Mainline Electric Locomotives in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US [a] | 12* | 10* | 8* | 4* | 4* | 5* | |
| Sino-Soviet Bloc | 103 | 247 | 378 | 319* | 421 | 621 | |
| USSR | 102* | 194* | 216* | 270* | 344* | 510 | |
| Communist China | 0* | 0* | 0* | 0* | 0* | 1* | |
| European Satellites | 1 | 53 | 162 | N.A. | N.A. | N.A. | |
| Czechoslovakia [b] | N.A. | 29* | 40* | 23* | 60 | 80 | 200* |
| East Germany | 0 | 20 | 114 | N.A. | N.A. | N.A. | |
| Hungary | 1* | 4 | 8* | 26* | N.A. | N.A. | |
| Poland | N.A. | N.A. | N.A. | N.A. | 17* | 30* | |

[a] Data refer to units put into service on first-class railroads but do not include exports.
[b] Data may include nonmainline types.

Table 102
Production of Mainline Railroad Freight Cars [a]
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 96.6* | 129* | 169* | 192* | 107* | N.A.* | |
| US [c] | 44.21* | 42.06* | 67.50* | 100.37* | 44.28* | 38.45* | |
| Sino-Soviet Bloc | 78.0* | 68.2* | 72.2* | 71.4 | 77.0 | 90.8 | |
| USSR | 50.80* | 34.40* | 40.00* | 38.30* | 41.00* | 38.60* | |
| Communist China | N.A. | 9.26* | 6.69* [d] | 7.30* | 11.00* | 19.67* | |
| North Korea | 0* | 0* | 0* | 0.10 | 0.54 | 0.70 | |
| European Satellites | 27.2* | 24.5* | 25.5* | 25.7 | 24.5 | 31.9 | |
| Bulgaria | 0* | 0.99* | 0.45* | 1.15* | 1.29* | 2.00* | |
| Czechoslovakia | 2.11* | 5.55* | 5.90* | 5.46* | 5.36* | 8.00 | |
| East Germany | 6.35* | 4.00* | 4.12* | 4.00 | 4.00 | 4.00 | |
| Hungary | 1.23* | 0.57* | 0.54* | 0.59* | 0.60 | 0 [e] | |
| Poland | 15.44* | 11.92* | 12.34* | 11.93* | 9.78* | 13.46* | 14* |
| Rumania | 2.09* | 1.46* | 2.14* | 2.54* | 3.47* | 4.39* | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Canada | 10.45* | 5.31* | Italy | 0.58* | 3.26* | West Germany | 5.04* | 5.52* |
| France | 7.32* | 6.84* | UK | 67.81* | 41.89* | | | |

[a] Including cars of two, four, or more axles. Although the European NATO countries still are producing some smaller cars, most production in the US, the USSR, and the European Satellites now consists of four-axle units.
[b] Including for all years, Canada, France, Italy, the UK, the US, and West Germany, and for 1950 only, Norway. Data for Italy include railroad passenger cars for 1955–58.
[c] Shipments.
[d] Including more than 300 passenger cars.
[e] Production is believed to have been discontinued except for a few special types.



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Table 103
Production of Automobiles
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 8,050* | 10,700* | 8,670* | 9,310* | 8,080* | 10,000* | |
| US [b] | 6,665.9* | 7,920.0* | 5,816.1* | 6,112.8* | 4,257.6* | 5,591.3* | |
| Sino-Soviet Bloc | 97.0 | 147* | 157* | 192* | 217 | 242* | |
| USSR | 64.6* | 107.8* | 97.8* | 113.6* | 122.0* | 124.5* | 200.0* |
| Communist China | 0* | 0* | 0* | *Negl.* | 1.0 | *N.A.* | |
| European Satellites | 32.4 | 38.8* | 59.0* | 78.1* | 93.6* | 118* | |
| Czechoslovakia | 24.5* | 12.5* | 25.1* | 34.6* | 43.4* | 50.5* | 110.0* |
| East Germany | 7.2* | 22.2* | 28.1* | 35.6* | 38.4* | 52.8* | 108.0* |
| Poland | 0.8 [c] | 4.0* | 5.8* | 8.0* | 11.7* | 14.2* | 22.5* |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada | 297.0* | 301.8* | Italy [e] | 369.4* | 470.6* | West Germany | 1,180.8* | 1,356.4* |
| France [d] | 924.0* | 1,085.0* | UK | 1,051.2* | 1,190.0* | | | |

Other Countries

| Country | 1958 | 1959 |
|---|---|---|
| Japan | 50.6* | 78.6* |

[a] Including Canada, France, Italy, the UK, the US, and West Germany.
[b] Sales from factories, including parts shipped for assembly abroad.
[c] 1951.
[d] Including buses.
[e] Excluding production for the armed forces.



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Table 104
Production of Commercial Vehicles [a]
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 1,920* | 2,080* | 1,940* | 1,960* | 1,800* | 2,160* | |
| US [c] | 1,337.2* | 1,249.1* | 1,104.5* | 1,107.6* | 877.2* | 1,137.1* | |
| Sino-Soviet Bloc | 310* | 387* | 424* | 445 | 462 | 451 | |
| USSR | 298.3* | 337.5* | 367.0* | 381.9* | 389.0* | 370.5* | 656.0* |
| Communist China | 0* | 0* | 1.6* | 7.5 | 15.0 | 19.2 | |
| European Satellites | 12.1* | 49.8* | 55.2* | 55.2* | 58.1* | 61.3* | |
| Czechoslovakia | 7.3* | 14.0* | 15.3* | 14.5* | 15.9* | 16.5* | 22.3* |
| East Germany | 1.1* | 14.9* | 17.9* | 16.4* | 16.4* | 15.7* | 18.4* |
| Hungary | 2.9* | 5.0* | 3.7* | 4.0* | 5.1* | 5.0* | |
| Poland | 0.8* | 12.8* | 13.1* | 15.0* | 13.8* | 16.7* | 34.0* |
| Rumania | 0* | 3.0* | 5.2* | 5.4* | 6.8* | 7.4* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Canada [d] | 61.4* | 67.2* | Italy | 34.8* | 30.2* | West Germany | 314.4* | 362.0* |
| France | 204.0* | 198.0* | UK | 313.2* | 370.3* | | | |

Other Countries

| Country | 1958 | 1959 |
|---|---|---|
| Japan | 137.6* | 183.2* |

[a] Including light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.
[b] Including Canada, France, Italy, the UK, the US, and West Germany.
[c] Factory sales, including parts shipped for assembly abroad.
[d] Shipments.



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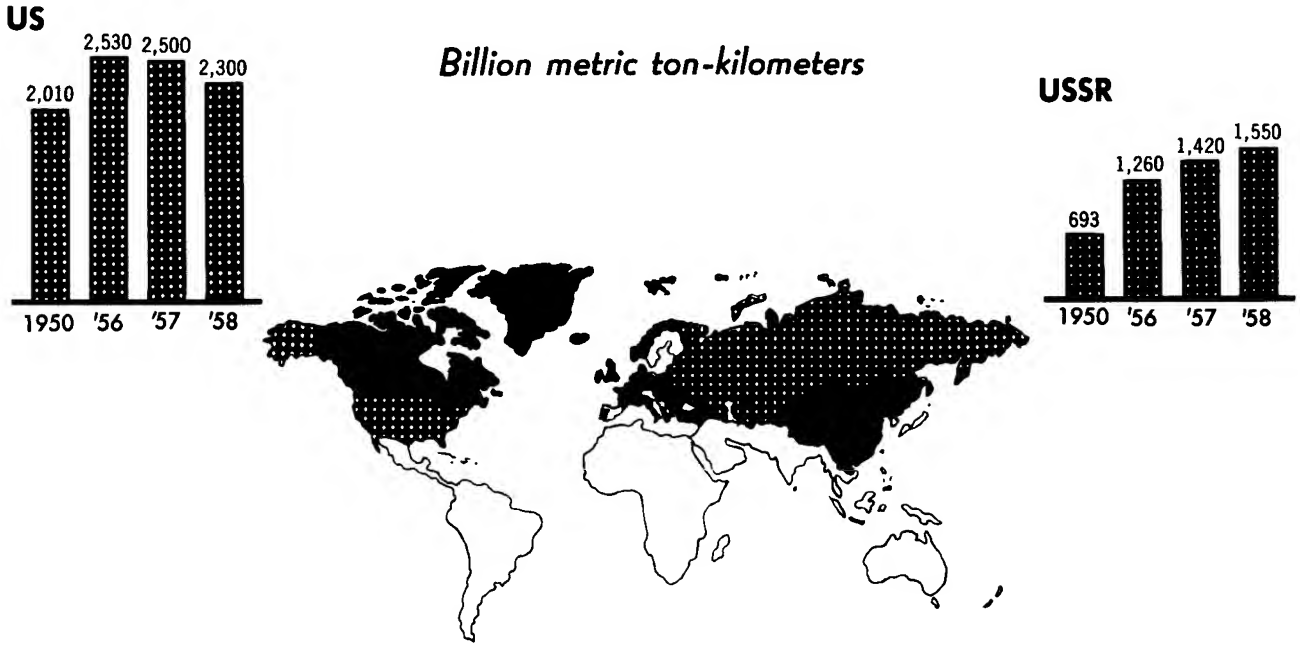
Figure 17

# COMPARISON OF TON-KILOMETER PERFORMANCE BY INLAND TRANSPORT IN THE US AND THE USSR, SELECTED YEARS, 1950-58



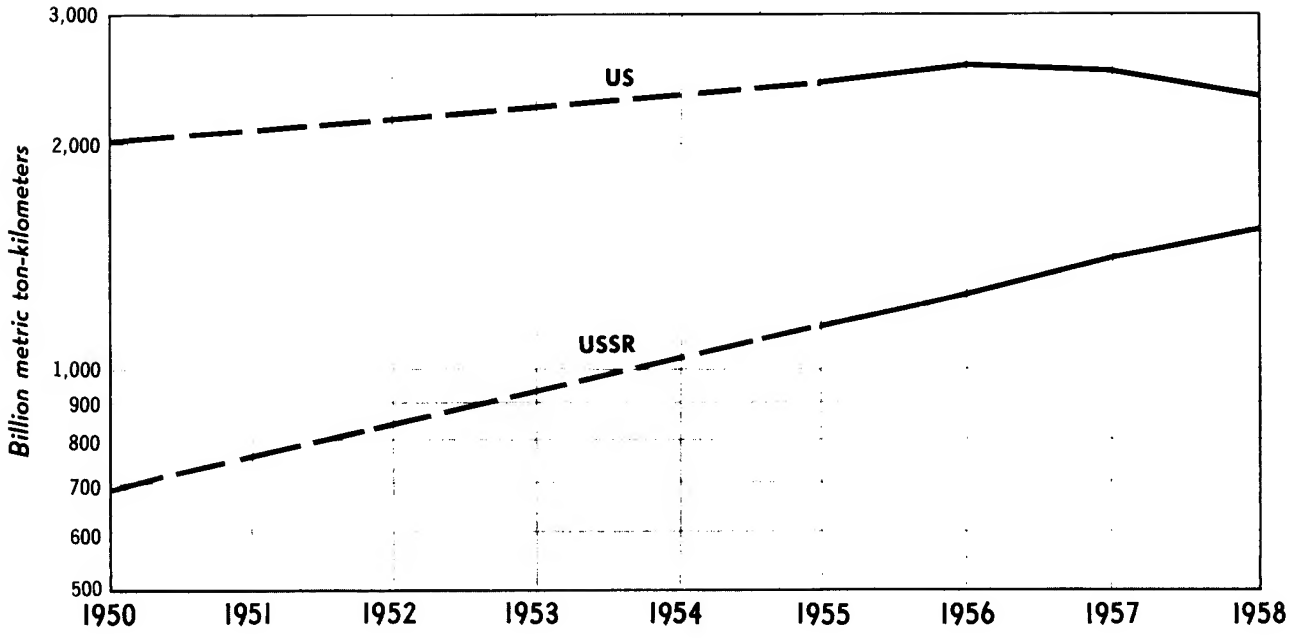




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Table 105

Inland Transport Performance [a] in Ton-Kilometers in the US and the USSR 1950 and 1955–58

Billion Metric Ton-Kilometers

| Country | 1950 | 1955 | 1956 | 1957 | 1958 |
|---|---|---|---|---|---|
| Total US | 2,010* | 2,400* | 2,530* | 2,500* | 2,300* |
| Railroads | 918* | 956* | 988* | 941* | 839* |
| Motor vehicles [b] | 325* | 421* | 463* | 470* | 474* |
| Domestic shipping [c] | 579* | 726* | 745* | 767* | 676* |
| Petroleum pipelines | 189* | 297* | 336* | 325* | 308* |
| Total USSR | 693* | 1,130* | 1,260* | 1,420* | 1,550 |
| Railroads | 602* | 971* | 1,079* | 1,213* | 1,302* |
| Motor vehicles [b] | 20* | 42* | 48* | 62* | 77 |
| Domestic shipping [d] | 66* | 102* | 112* | 123* | 139* |
| Petroleum pipelines | 5* | 15* | 20* | 27* | 34* |

[a] Excluding airfreight transport.

[b] Highway freight traffic, including urban and rural traffic.

[c] Domestic freight by water, including inland waterway freight and estimated coastal and intercoastal freight traffic.

[d] Domestic freight by water, including totals for inland waterway freight plus 50 percent of the freight carried by the maritime fleet.



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Table 106
Railroad Freight Traffic in Ton-Kilometers [a]
1950, 1955–59, and 1965 Plan

Billion Metric Ton-Kilometers

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **1,150*** | **1,220*** | **1,270*** | **1,220*** | **1,100*** | **1,130*** | |
| US | 917.54* | 955.66* | 988.36* | 941.31* | 839.13* | 870.00* | |
| Sino-Soviet Bloc | **730*** | **1,210*** | **1,350*** | **1,510*** | **1,660*** | **1,870** | |
| USSR | 602.30* | 970.90* | 1,079.10* | 1,212.80* | 1,302.00* | 1,429.00* | 1,850.00* |
| Communist China | 39.41* | 98.15* | 120.35* | 134.59* | 185.52* | 263.40* | |
| North Korea | 2.48* | 3.79* | 4.29* | 5.07* | 6.29* | 7.80* | |
| North Vietnam | *N.A.* | 0.03 | 0.11 | 0.12 | 0.29 | 0.59 | |
| European Satellites | **85.7*** | **139*** | **144*** | **157*** | **164*** | **173** | |
| Albania | 0.01* | 0.02* | 0.02* | 0.03* | 0.03* | 0.03 | |
| Bulgaria | 2.58* | 4.12* | 4.48* | 4.93* | 5.37* | 6.10 | |
| Czechoslovakia | 18.63* | 31.70* | 34.28* | 39.54* | 42.70* | 43.80 | |
| East Germany | 16.35* | 28.71* | 29.57* | 31.19* | 32.20* | 33.12 | |
| Hungary | 5.41* | 8.78* | 8.15* | 9.47* | 9.98* | 10.50 | |
| Poland | 35.14* | 51.97* | 52.10* | 55.26* | 57.20* | 62.20 | |
| Rumania | 7.61* | 14.08* | 15.26* | 16.12* | 16.23* | 17.50 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium [c] | 5.77* | 5.97* | Italy [d g] | 13.07* | 13.37* | Portugal | 0.74* | 0.76* |
| Canada | 96.83* | 101.00* | Luxembourg [g] | 0.58* | 0.57* | Turkey | 5.06* | 4.88* |
| Denmark [d e] | 1.36* | 1.30* | Netherlands [h] | 3.12* | 3.20* | UK [i k] | 30.13* | 28.97* |
| France | 52.88* | 53.38* | Norway [d i j] | 1.42* | 1.40* | West Germany [d] | 45.91* | 47.84* |
| Greece [f] | 0.36* | 0.36* | | | | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| India [i e l] | 73.85* | *N.A.** | Japan [e m] | 44.72* | 47.83* | Yugoslavia [i] | 13.03* | 13.99* |

[a] Unless otherwise indicated, data refer to net metric ton-kilometers and include all goods and livestock carried by trains other than plantation, industrial, mining, funicular, and cable railroads but exclude service traffic, mail, and nonrevenue government stores. Data for the US specifically include revenue and nonrevenue freight traffic on Class I and II railroads and on electric railroads. For other specific exceptions, see footnotes for individual countries.

[b] Excluding Iceland.

[c] Full carloads only; excluding military traffic.

[d] State railroads.

[e] Twelve months beginning 1 April of the stated year.

[f] Including military and government traffic.

[g] Excluding livestock.

[h] Full carloads only.

[i] Including service traffic.

[j] Twelve months beginning 1 July of the stated year.

[k] Excluding Northern Ireland.

[l] Government railroads, broad and meter gauge only.

[m] Including revenue service traffic.



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Table 107
Railroad Freight Traffic in Tons Originated [a]
1950, 1955–59, and 1965 Plan

Million Metric Tons Originated

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 2,250* | 2,390* | 2,510* | 2,440* | 2,150* | 2,180* | |
| US | 1,289.01* | 1,323.36* | 1,379.99* | 1,314.52* | 1,131.63* | 1,117.00* | |
| Sino-Soviet Bloc | 1,410* | 2,200 | 2,370 | 2,560 | 2,840 | 3,200 | |
| USSR | 834.30* | 1,267.00* | 1,371.00* | 1,487.70* | 1,616.90* | 1,763.80* | 2,372.00* |
| Communist China | 99.83* | 193.76* | 246.05* | 274.20* | 381.09* | 542.00* | |
| North Korea | 11.27* | 16.76* | 18.28* | 21.46* | 28.03* | 35.04* | |
| North Vietnam | *N.A.* | 0.43 | 1.06 | 1.20 | 2.60 | 5.20 | |
| European Satellites | 465* | 722* | 735* | 780* | 811* | 853 | |
| Albania | 0.24* | 0.35* | 0.35* | 0.49* | 0.56* | 0.60 | |
| Bulgaria | 14.04* | 23.75* | 25.51* | 27.64* | 29.70* | 34.30 | |
| Czechoslovakia | 96.01* | 140.22* | 149.02* | 159.86* | 174.00* | 181.00 | |
| East Germany | 128.50* | 207.51* | 210.21* | 220.30* | 227.16* | 231.80 | |
| Hungary | 40.88* | 67.82* | 61.12* | 70.30* | 75.70* | 78.80 | |
| Poland | 150.30* | 223.70* | 226.50* | 236.20* | 237.50* | 254.70 | |
| Rumania | 35.07* | 58.96* | 62.02* | 65.27* | 66.60* | 71.40 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium [c] | 57.35* | 57.83* | Italy [d g] | 46.92* | 50.10* | Portugal | 3.77* | 3.77* |
| Canada | 139.20* | 172.00* | Luxembourg [g] | 16.86* | 16.60* | Turkey | 15.62* | 15.40* |
| Denmark [d e] | 6.95* | 6.58* | Netherlands | 23.59* | 24.40* | UK [j] | 246.77* | 238.01* |
| France | 211.88* | 212.70* | Norway [d h i] | 5.38* | 5.23* | West Germany [d] | 244.75* | 254.36* |
| Greece [f] | 2.32* | 2.30* | | | | | | |

Other Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| India [e k] | 131.33* | *N.A.** | Japan [e l] | 159.19* | 168.58* | Yugoslavia [l] | 57.29* | 60.74* |

[a] Unless otherwise indicated, data refer to the total volume of traffic during the calendar year. Performance data for NATO countries other than the US; for the European Satellites; and for India, Japan, and Yugoslavia are for million metric tons carried. Data for all other countries are for million metric tons originated.
[b] Excluding Iceland.
[c] Full carloads only; excluding military traffic.
[d] State railroads.
[e] Twelve months beginning 1 April of the stated year.
[f] Including military and government traffic.
[g] Excluding livestock.
[h] Twelve months beginning 1 July of the stated year.
[i] Including service traffic.
[j] Excluding Northern Ireland.
[k] Government railroads, including service traffic.
[l] Including revenue service traffic.



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Table 108

Highway Freight Traffic [a] in Ton-Kilometers in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Million Metric Ton-Kilometers

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US [b] | 325,000* | 421,000* | 463,000* | 470,000* | 474,000* | *N.A.** | |
| Sino-Soviet Bloc | **25,000** | **55,800** | **63,700** | **78,800** | **98,200** | **117,000** | |
| USSR | 20,100* | 42,500* | 48,500* | 61,700* | 76,800 | 87,600* | 146,000* |
| Communist China | 380 | 2,520* | 3,490* | 3,940* | 6,960* | 12,000 | |
| North Korea | 27* [c] | 138* | 129* | 189* | 203* | 291* | |
| North Vietnam | *N.A.* | 28 | 31 [d] | 40 | 43 | 46 | |
| European Satellites [e] | **4,530** | **10,600** | **11,500** | **12,900** | **14,100** | **17,200** | |
| Albania | 35* | 93* | 110* | 133* | 144* | 166 | |
| Bulgaria [f] | 150* | 260* | 270* | 294* | 332* | 444 | |
| Czechoslovakia | 1,248 | 2,700* | 3,100* | 3,500* | 4,000* | 4,700 | |
| East Germany | 1,945* | 3,194* | 3,492* | 3,916* | 4,147* | 4,396 | |
| Hungary | 93* | 590* | 588* | 600* | 604* | 613 | |
| Poland | 1,018 | 3,500 | 3,700 | 4,100 | 4,500 | 4,900 | |
| Rumania | 42* | 272* | 286* | 375* | 422* | 500 | |

[a] Unless otherwise indicated, including traffic by trucks, whether on improved roads or not, but excluding primitive modes of transportation.

[b] Including urban and rural traffic. Data from the US Bureau of Public Roads for 1950 and 1955–56 have been revised downward by an arbitrary 4 percent in lieu of a revision now in process by the Bureau of Public Roads.

[c] 1949.

[d] Plan.

[e] Except for Bulgaria, data refer to traffic by state automotive transport organizations, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

[f] Traffic by common-carriers only.

Table 109

Highway Freight Traffic in Tons Originated in the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Million Metric Tons Originated

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| Sino-Soviet Bloc | **2,180** | **4,500** | **5,070** | **6,200** | **7,640** | **8,830** | |
| USSR | 1,859.2* | 3,730.0* | 4,200.9* | 5,216.4* | 6,474.4* | 7,361.3* | 10,500* |
| Communist China | 9.2* [a] | 49.0* | 79.1* | 83.7* | 176.3* | 344.0* | |
| North Korea | 1.1* [b] | 8.8* | 9.2* | 13.9* | 17.5* | 28.9* | |
| North Vietnam | *N.A.* | 1.4 | 1.6 | 1.9 | 2.2 | 2.3 | |
| European Satellites [c] | **307*** | **710*** | **781*** | **886** | **974*** | **1,090** | |
| Albania | 0.5* | 1.4* | 1.6* | 1.9* | 2.1* | 2.4 | |
| Bulgaria [d] | 6.6* | 9.5* | 9.6* | 10.9* | 14.5* | 22.4 | |
| Czechoslovakia | 111.0* | 222.5* | 257.8* | 304.9* | 334.8* | 395.1* | |
| East Germany | 87.3* | 169.1* | 187.4* | 208.5* | 226.6* | 244.6 | |
| Hungary | 6.7* | 36.8* | 39.7* | 40.3* | 43.9* | 46.6 | |
| Poland | 93.9* | 263.0* | 275.7* | 306.1 | 330.0* | 351.0 | |
| Rumania | 1.1* | 7.3* | 9.0* | 13.8* | 22.2* | 32.7 | |

[a] Tariff tons.

[b] 1949.

[c] Tons carried. Except for Bulgaria, data refer to traffic by state automotive transport organizations, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

[d] Traffic by common-carriers only.



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Table 110
Inland Water Freight Traffic in Ton-Kilometers
1950, 1955–59, and 1965 Plan

Million Metric Ton-Kilometers

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 112,000* | 200,000* | 223,000* | 233,000* | 223,000* | N.A.* | |
| US [b] | 75,417* | 142,584* | 159,594* | 167,256* | 159,328* | *N.A.** | |
| Sino-Soviet Bloc [c] | 52,100 | 88,200 | 93,300 | 103,000 | 117,000 | 141,000 | |
| USSR | 46,200* | 67,700* | 70,500* | 76,400* | 85,500* | 94,000 | 140,000* [d] |
| Communist China | 1,948 | 14,250 | 16,900 | 20,120 | 25,070 | 40,200 | |
| European Satellites | 3,910 | 6,210 | 5,860 | 6,470 | 6,680 | 7,260 | |
| Bulgaria | 158* | 372* | 395* | 428* | 391* | 497 | |
| Czechoslovakia | 764* | 1,485* | 1,472* | 1,604* | 1,784* | 2,000 | |
| East Germany | 1,579* | 2,168* | 2,268* | 2,498* | 2,398* | 2,400 | |
| Hungary | 478 | 765 | 598 | 680 | 835 | 860 | |
| Poland | 264 | 774 | 627 | 707 | 690 | 700 | |
| Rumania | 669* | 648* | 496* | 548* | 585* | 800 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 4,602* | 4,326* | Netherlands | 17,184* | 16,962* | West Germany | 33,953* | 32,783* |
| France | 9,771* | 9,425* | UK | 286* | 272* | | | |

[a] Including Belgium, France, the Netherlands, the UK, the US, and West Germany.
[b] Excluding traffic on the Great Lakes. Reporting coverage increased slightly after 1952.
[c] Data for North Korea and North Vietnam are included with ocean freight traffic in Table 112, p. 88, below.
[d] Estimated performance for 1965.

Table 111
Inland Water Freight Traffic in Tons Originated
1950 and 1955–59

Million Metric Tons Originated [a]

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | N.A.* | 694* | 739* | 761* | 722* | N.A.* |
| US [c] | 270.06* | 328.90* | 348.45* | 355.52* | 332.48* | *N.A.** |
| Sino-Soviet Bloc | 113 | 190 | 206 | 225 | 262 | 312 |
| USSR | 91.80* | 139.50* | 147.10* | 159.20* | 178.30* | 192.00* |
| Communist China | 5.62 | 26.67 | 35.97 | 40.49 | 56.70 | 91.40 |
| North Korea [d] | 0.49 | 0.81 | 0.98 | 1.10 | 1.98 | 2.76 |
| European Satellites | 15.2 | 23.3 | 22.4 | 24.0 | 25.2 | 25.7 |
| Bulgaria | 0.43* | 0.92* | 0.99* | 1.08* | 1.15* | 1.30 |
| Czechoslovakia | 1.34* | 2.84* | 2.65* | 2.93* | 3.25* | 3.40 |
| East Germany | 10.00* | 12.90* | 13.46* | 14.44* | 14.86* | 14.90 |
| Hungary | 1.11 | 1.75 | 1.51 | 1.55 | 1.88 | 1.90 |
| Poland | 1.24 | 3.31 | 2.45 | 2.55 | 2.46 | 2.60 |
| Rumania | 1.11* | 1.60* | 1.30* | 1.41* | 1.56* | 1.63 |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 55.72* | 51.23* | Italy | 2.33* | 2.39* | UK | 10.06* | 9.45* |
| France | 65.68* | 63.47* | Netherlands | 129.07* | 126.14* | West Germany | 142.33* | 137.14* |

[a] Data for the USSR, Communist China, and North Korea refer to tons originated; data for NATO countries and European Satellite countries refer to tons carried.
[b] Including Belgium, France, Italy, the Netherlands, the UK, the US, and West Germany.
[c] Including all inland, intraport, and local water traffic and excluding Great Lakes traffic.
[d] Including both inland and coastal water freight traffic.



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Table 112
Ocean Freight Traffic in Ton-Kilometers in the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Million Metric Ton-Kilometers

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan[a] |
|---|---|---|---|---|---|---|---|
| Sino-Soviet Bloc | **50,800** | **99,400** | **116,000** | **132,000** | **157,000** | **185,000** | |
| USSR[b] | 39,700* | 68,900* | 82,400* | 92,700* | 106,300* | 115,200* | 233,800 |
| Communist China[c] | 952 | 10,190 | 11,310 | 14,270 | 18,840 | 28,600 | 85,400 |
| North Korea[d] | 27* | 23* | 31* | 37* | 69* | 104* | |
| North Vietnam[d] | *N.A.* | 64 | 137[e] | 145 | 174 | 266*[e] | |
| European Satellites[f] | **10,100*** | **20,200*** | **22,000*** | **25,300*** | **31,600** | **41,100** | |
| Albania[g] | 11* | 17* | 17* | 33* | 34 | 300 | 980 |
| Bulgaria[g] | 325* | 919* | 1,095* | 1,554* | 2,099* | 2,050 | 9,800 |
| Czechoslovakia | 0* | 2,196* | 2,375* | 2,220* | 2,325* | 2,800 | 12,200 |
| East Germany[g] | *Negl.** | 480* | 412* | 833* | 3,738* | 6,300 | 23,400 |
| Hungary | 59* | 82* | 107* | 130* | 150* | 175 | 620 |
| Poland[h] | 9,090* | 15,806* | 17,391* | 19,662* | 22,335* | 28,540 | 57,960 |
| Rumania[g] | 611* | 712* | 628* | 914* | 940* | 945 | 4,400 |

[a] Estimated performance for 1965.
[b] Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.
[c] Coastal traffic only.
[d] Including both coastal and inland water traffic.
[e] Plan.
[f] Including performance of vessels of less than 1,000 gross register tons.
[g] Including both coastal and international freight traffic.
[h] May exclude the performance of 9 to 16 ships flying the Polish flag but not controlled by Poland. (There were 16 ships totaling 165,000 deadweight tons at the end of 1959 in this category.) It is possible that the performance of one-half of these is included, but no definite information is available.

Table 113
Passenger-Kilometers Flown by Civil Air Carriers in the US and the USSR
1950, 1955–59, and 1965 Plan

Billion Passenger-Kilometers

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US[a] | 16.43* | 39.01* | 44.24* | 50.07* | 50.43* | 56.62* | |
| USSR[b] | 1.22 | 2.90 | 3.26 | 4.76 | 7.84* | 11.60* | 47.00[c] |

[a] Revenue passenger-kilometers.
[b] Including scheduled operations of Aeroflot, the civil carrier of the Main Administration of the Civil Air Fleet, but excluding Polar Aviation, regional carriers, and special services.
[c] Estimated performance for 1965.

Table 114
Passengers Carried by Civil Air Carriers in the US and the USSR
1950, 1955–59, and 1965 Plan

Thousand Passengers

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US[a] | 19,020* | 41,441* | 45,687* | 52,984* | 52,724* | 56,116* | |
| USSR | 1,410 | 2,540* | 3,050* | 5,150* | 8,040* | 11,900* | 48,240[b] |

[a] Revenue passengers carried, including both domestic and international unduplicated air operations. Because of changes in the reporting procedure of the Civil Aeronautics Board, data for 1957–59 are not strictly comparable to previous years.
[b] Estimated performance for 1965.



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Table 115
Petroleum Pipeline Transportation in Ton-Kilometers in the US and the USSR
1951–59 and 1965 Plan

Billion Metric Ton-Kilometers

| Country | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|---|---|---|
| US | 222.1* | 229.9* | 248.0* | 261.6* | 296.7* | 335.7* | 325.2* | 308.5* | *N.A.** | |
| USSR | 5.5* | 6.4* | 7.6* | 10.2* | 14.7* | 20.5* | 26.6* | 33.8* | 41.0* | 185.0* [a] |

[a] The plan may be revised downward if the original construction plan is not fulfilled.

Table 116
Petroleum Pipeline Transportation in Tons Originated in the US and the USSR
1951–59 and 1965 Plan

Million Metric Tons Originated

| Country | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|---|---|---|
| US | 279.8* | 289.4* | 302.1* | 305.7* | 343.8* | 374.0* | 372.9* | 361.2* | *N.A.** | |
| USSR | 18.4* | 23.2* | 29.4* | 39.7* | 51.7* | 65.3* | 80.9* | 94.7* | 111.0* | 170.0* |

Table 117
Inventory of Locomotives [a]
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 108,000* | 89,600* | 88,200* | 87,100* | 83,700* | N.A.* | |
| US | 42,951* | 33,533* | 32,593* | 32,391* | 31,616* | 31,300* | |
| Sino-Soviet Bloc | 41,000 | 52,000 | 59,400 | 59,900 | 60,000 | 59,800 | |
| USSR | 31,468 | 34,820 | 35,559 | 35,569 | 35,979 | 34,169 | 26,343 [c] |
| Communist China | *N.A.* | 3,500 | 3,680 | 3,850 | 4,250 | 5,550 | |
| North Korea | *N.A.* | *N.A.* | *N.A.* | 330 | *N.A.* | *N.A.* | |
| North Vietnam | *N.A.* | 60 | 60 | 60 | 60 | 60 | |
| European Satellites | 9,570 | 13,700 | 20,100 | 20,100 | 19,700 | 20,000 | |
| Albania | 7 | 7 | 7 | 7 | 7 | 9 | |
| Bulgaria | 571 | 604 | 624 | 624 | 625 | 625 | |
| Czechoslovakia | *N.A.* | 5,134* | 5,093* | 5,101* | 5,101* | 5,144* | |
| East Germany | 6,762 | *N.A.* | 6,478 | 6,020 | 5,670 | 5,900 | |
| Hungary | 2,231* | 2,322* | 2,337 | 2,352 | 2,385 | 2,400 | |
| Poland | *N.A.* | 5,600 | 5,600 | 5,957 | 5,957 | 5,957 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 1,902* | 1,716* | Italy | 5,518* | 4,897* | Portugal | 501* | 487* |
| Canada | 4,821* | 4,823* | Luxembourg | 124* | 123* | Turkey | 989* | 946* |
| Denmark | 681* | 503* | Netherlands | 713* | 697* | UK [d] | 17,879* | 17,381* |
| France | 9,751* | 9,211* | Norway | 517* | 415* | West Germany | 11,093* | 10,684* |

[a] Including diesel-electric, steam, and electric locomotives. Unless otherwise indicated, data are as of the end of the year.
[b] Excluding for 1956–59, Greece, and for all years, Iceland.
[c] Estimated inventory for 1965.
[d] Including Northern Ireland.



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Table 118
Inventory of Railroad Freight Cars [a]
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US [b] | 2,009.0* | 1,997.0* | 1,978.0* | 2,022.5* | 1,999.6* | 1,960.0* | |
| USSR [c] | 784.1 | 832.2 | 846.2 | 859.6 | 875.9 | 889.0 | 969.7 [d] |
| Communist China [e] | 50.0 | 74.0 | 80.0 | 86.0 | 97.0 | 115.0 | |
| North Korea [e] | *N.A.* | *N.A.* | *N.A.* | 12.0 | 12.3 | 12.9 | |
| North Vietnam | *N.A.* | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | |
| Bulgaria | 12.6 | 16.8 | 17.6 | 18.4 | 19.2 | 22.0 | |
| Czechoslovakia | *N.A.* | 119.6* | 112.4* | 122.4* | 125.0* | 128.4* | |
| East Germany | 99.8 | 145.7 | 145.6 | 146.0 | 147.0 | 148.2 | |
| Hungary | 52.2* | 58.2* | 58.2 | 58.2 | 58.2 | 59.6* | |
| Poland | 149.6 | 186.1 | 192.2 | 195.6 | 196.7 | 210.3 | |
| Rumania | *N.A.* | 52.2 | 48.3 | 51.3 | 53.2 | 55.1 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 77.8* | 78.9* | Italy | 129.5* | 131.3* | Portugal | 10.1* | 10.2* |
| Canada | 197.9* | 196.9* | Luxembourg | 3.7* | 3.7* | Turkey | 17.2* | 17.1* |
| Denmark | 13.5* | 13.3* | Netherlands | 24.2* | 23.2* | UK | 1,105.0* | 1,020.0* |
| France | 375.3* | 373.7* | Norway | 12.6* | 12.5* | West Germany | 303.9* | 304.3* |
| Greece | 5.7* | *N.A.** | | | | | | |

Other Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|
| India | 269.9* | 290.3* | Japan [f] | 107.2* | 112.0* |

[a] Including cars of two, four, or more axles. The size of the car is given in the footnotes if it is known. Because of the lack of comparability in data, totals for NATO and the Sino-Soviet Bloc are omitted. Unless otherwise indicated, data are as of the end of the year.

[b] All freight cars in the US have four axles or more.

[c] Of the freight cars in the USSR, 70 percent were four-axle or multiaxle units in 1958, and 86 percent are to be four-axle or multiaxle by 1965.

[d] Estimated inventory for 1965.

[e] Most Chinese Communist and North Korean cars have four axles.

[f] State railroad cars only.



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Table 119
Inventory of Trucks [a]
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | N.A.* | 14,700* | 15,400* | 15,800* | 16,200* | N.A.* | |
| US | 8,272.2* | 9,893.4* | 10,261.8* | 10,492.6* | 10,659.3* | N.A.* | |
| Sino-Soviet Bloc | 692 | 1,610 | 1,840 | 2,070 | 2,390 | 2,730 | |
| USSR | 602.3* | 1,275.0* | 1,453.3* | 1,648.1* | 1,947.7* | 2,250.0 | 3,350 |
| Communist China | 40.0 | 65.0 | 72.0* | 80.0 | 96.0 | 110.0 | |
| North Korea | N.A. | N.A. | 10.0 | 11.5 | N.A. | N.A. | |
| North Vietnam | N.A. | N.A. | 3.0 | 3.0 | 3.0 | 3.0 | |
| European Satellites | N.A. | 297 | 299 | 327 | 345 | 371 | |
| Albania | 1.2 | 1.4 | 1.7 | 2.0 | 2.2 | 2.4 | |
| Bulgaria | N.A. | 9.0 | 10.0 | 10.0 | 15.0 | 15.0 | |
| Czechoslovakia | N.A. | 61.5 | 70.0 | 75.0 | 76.0 | 85.3 | |
| East Germany | N.A. | 89.1 | 95.2 | 104.4 | 105.8 | 110.0 | |
| Hungary | 9.3 [c] | 23.0 | 24.5 | 26.0 | 27.5 | 29.0 | |
| Poland | 39.5 | 73.2* | 82.8* | 93.5* | 101.4* | 111.5 | |
| Rumania | N.A. | 10.0 | 15.0 | 16.0 | 17.0 | 17.6 | |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | N.A.* | 158.7* | Iceland [d] | 5.9* | N.A.* | Portugal | 52.6* | 57.3* |
| Canada | 1,025.3* | 1,067.6* | Italy | 480.2* | 511.6* | Turkey | N.A.* | 36.9* |
| Denmark | 114.3* | 127.3* | Luxembourg | 7.0* | 7.6* | UK | 1,257.0* | 1,289.0* |
| France | 1,338.4* | 1,432.1* | Netherlands | 123.9* | 130.0* | West Germany | 636.9* | 644.4* |
| Greece | N.A.* | 25.8* | Norway | 89.7* | 94.5* | | | |

[a] Data for NATO are based on census or registration numbers of civilian vehicles in the years for which those data are available; otherwise, the officially estimated number of vehicles in use is shown. Unless otherwise indicated, data for the Sino-Soviet Bloc refer to civilian vehicles as of the end of the year.

[b] Total for 1955 includes data for 1954 for Belgium and Greece. Total for 1957 includes data for 1956 for Belgium, Greece, and Turkey. Total for 1958 includes data for 1957 for Iceland.

[c] 1949.

[d] Including motor coaches and buses.



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Table 120
Inventory of Merchant Fleet [a]
1950 and 1956–59

| Country | 1950 Number | 1950 Thousand GRT | 1956 Number | 1956 Thousand GRT | 1957 Number | 1957 Thousand GRT | 1958 Number | 1958 Thousand GRT | 1959 Number | 1959 Thousand GRT |
|---|---|---|---|---|---|---|---|---|---|---|
| NATO [b] | 9,530* | 60,400* | 10,200* | 68,500* | 10,300* | 69,600* | 10,500* | 72,700* | 10,800* | 76,700* |
| US [c] | 3,516* | 26,114* | 3,238* | 24,772* | 3,032* | 23,468* | 3,047* | 23,840* | 3,047* | 24,220* |
| Sino-Soviet Bloc | 573 | 1,880 | 807 | 2,760 | 868 | 3,080 | 962 | 3,550 | 1,050 | 4,010 |
| USSR [d] | 471 | 1,564 | 647 | 2,225 | 676 | 2,407 | 721 | 2,629 | 764 | 2,844 |
| Communist China | 41 | 103 | 68 | 169 | 84 | 216 | 108 | 327 | 125 | 414 |
| European Satellites | 61* | 217* | 92* | 369* | 108* | 460* | 133* | 598* | 157* | 750* |
| Albania | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 3* | 7* |
| Bulgaria | 4* | 10* | 6* | 20* | 8* | 28* | 9* | 30* | 11* | 33* |
| Czechoslovakia | 0* | 0* | 3* | 17* | 3* | 17* | 5* | 33* | 8* | 62* |
| East Germany | 0* | 0* | 3* | 8* | 5* | 22* | 15* | 82* | 21* | 115* |
| Hungary | 2* | 2* | 4* | 4* | 5* | 6* | 6* | 7* | 6* | 7* |
| Poland [e] | 49* | 176* | 69* | 289* | 80* | 356* | 91* | 416* | 101* | 496* |
| Rumania | 6* | 28* | 7* | 31* | 7* | 31* | 7* | 31* | 7* | 31* |

NATO Countries

| Country | Thousand GRT 1958 | Thousand GRT 1959 | Country | Thousand GRT 1958 | Thousand GRT 1959 | Country | Thousand GRT 1958 | Thousand GRT 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 522* | 636* | Iceland | 49* | 51* | Portugal | 423* | 440* |
| Canada | 289* | 263* | Italy | 4,654* | 4,745* | Turkey | 527* | 524* |
| Denmark | 1,877* | 2,011* | Netherlands | 4,034* | 4,200* | UK | 18,292* | 19,007* |
| France | 4,085* | 4,310* | Norway | 8,956* | 9,994* | West Germany | 3,577* | 4,059* |
| Greece | 1,575* | 2,247* | | | | | | |

[a] Including vessels of 1,000 gross register tons (GRT) or more and excluding coastal passenger ships.
[b] Excluding Luxembourg. Data are as of midyear.
[c] Including both private and government-owned fleets. Data are as of midyear.
[d] Excluding the Caspian Sea fleet.
[e] Except for 1950, data include a varying number of ships flying the Polish flag but not controlled by Poland. At the end of 1959, there were 16 ships, totaling 114,300 GRT.





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Table 121
Volume of Construction in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Value [a]

| Country | Unit of measure | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|---|
| US [b] | Billion 1947–49 dollars | 26.6* | 35.3* | 34.7* | 34.9* | 35.4* | 38.4* | |
| USSR [c] | Billion 1 July 1955 rubles | 58.1* | 100* | 113* | 129* | 150* | 174* | 260 [d] |
| Communist China | Billion yuan [e] | *N.A.* | 5.58* | 8.88* | 8.28* | 16.02* | 14.88* | |
| North Korea | Billion won [e] | *N.A.* | *N.A.* [f] | 80.6* [f] | 27.1* | 34.1* | 41.9* | |
| Albania | Billion 1955 leks | 1.07* | 2.40* | 2.27* | 2.82* | 3.55 | 4.50 | |
| Bulgaria | Billion 1 April 1956 leva | 1.61* | 2.80* | 2.80* | 2.31* | 2.70* | 3.30 | 9.25* |
| Czechoslovakia | Billion 1958 korunas | 9.96* | 15.9* | 17.8* | 19.5* | 21.4* | 24.6* | 37.0* |
| East Germany | Billion DME [g] | 2.43* | 4.30* | 4.81* | 5.41* | 5.68* | 6.76* | 11.8* |
| Hungary | Billion current forints | 6.76* | 11.2* | 11.3* | 13.2* | 14.3* | 15.5* [h] | 25.0* |
| Poland | Billion 1956 zlotys | 11.9* | 28.0* | 36.8* | 44.4* | 48.1* | 48.9* | 80.0 |
| Rumania | Billion 1 January 1955 lei | 3.34* | 7.79* | 9.13* | 7.99* | 8.23* | 9.65 | |

[a] Because of the difficulty of determining valid exchange rates, data are not presented in terms of a common currency. Rates of exchange are given in Table 140, p. 108, below, but these exchange rates should be used with caution because they have been established and maintained arbitrarily.
[b] Data for the US include farm construction and private housing construction.
[c] Data for the USSR do not include construction work on collective farms and private housing construction.
[d] Estimated volume of construction for 1965.
[e] Believed to be in current prices.
[f] Total for 1954–56 (Three Year Plan).
[g] Deutsche Mark East. Believed to be in current prices.
[h] Plan.

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Table 122
New Urban Housing Construction in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Thousand Square Meters

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US [a] | 108,722* | 126,221* | 110,563* | 106,998* | 128,695* | 151,686* | |
| USSR | 24,200* | 33,400* | 41,000* | 52,000* | 71,200* | 80,000* | |
| Communist China | *N.A.* | 14,460* | 25,230* | 28,160* | 26,420* | *N.A.* | |
| North Korea | *N.A.* | *N.A.* | 6,100* [b] | 1,540* | *N.A.* | *N.A.* | |
| North Vietnam | *N.A.* | *N.A.* | *N.A.* | 85* [c] | *N.A.* | *N.A.* | |
| Albania [d] | 6 | 14 | 5 | 10 | 14 | 21 | |
| Bulgaria [d] | 339 | 898 | 769 | 760 | 860 | 930 | |
| Czechoslovakia [d] | 2,289 | 2,127 | 2,032 | 2,391 | 2,130 | 2,638 | |
| East Germany [d] | 1,350 | 1,440 | 1,410 | 2,480 | 2,500 | 3,130 | 4,330 |
| Hungary [d] | 425 | 664 | 397 | 1,106 | 874 | 944 | |
| Poland [d] [e] | 2,198 | 2,740 | 2,683 | 3,332 | 3,714 | 3,772 | |
| Rumania [d] | 370 | 1,228 | 1,408 | 1,586 | 1,675 | 2,159 | |

[a] Although US data are estimated from a fairly large sector of the economy, these data are not a completely representative sample. It is possible, therefore, that the actual area of urban housing construction is underestimated by as much as 20 percent.
[b] Total area constructed during 1954–56.
[c] Total area constructed during 1955–57.
[d] Thousand square meters of usable area.
[e] Excluding "workers settlements."

Table 123
Production of Cement [a]
1950, 1955–59, and 1965 Plan

Thousand Metric Tons

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | 89,800* | 111,000* | 128,000* | 126,000* | 130,000* | 143,000* | |
| US | 39,146* | 52,822* | 55,970* | 52,403* | 54,653* | 60,400* | |
| Sino-Soviet Bloc | 20,500 | 41,000 | 46,500* | 52,700* | 61,800* | 73,000* | |
| USSR | 10,194* | 22,484* | 24,858* | 28,896* | 33,306* | 38,800* | 75,000 to 81,000* |
| Communist China | 1,410 | 4,500* | 6,390* | 6,860* | 9,300* | 12,270* | |
| North Korea | 350 | 350 | 597* | 895* | 1,244* | 1,544* | |
| North Vietnam | 143* | 8* | 197* | 165* | 302* | 381* | |
| European Satellites | 8,370* | 13,600* | 14,500* | 15,900* | 17,600* | 20,000* | |
| Albania | 16* | 45* | 65* | 70* | 78* | 74* | |
| Bulgaria | 602* | 812* | 859* | 880* | 934* | 1,433* | 4,000* |
| Czechoslovakia | 1,998* | 2,892* | 3,148* | 3,672* | 4,110* | 4,744* | 8,600* |
| East Germany | 1,412* | 2,971* | 3,269* | 3,460* | 3,558* | 4,205* | 7,975* |
| Hungary | 797* | 1,175* | 995* | 989* | 1,302* | 1,433* | |
| Poland | 2,514* | 3,813* | 4,035* | 4,496* | 5,058* | 5,308* | 10,000* |
| Rumania | 1,028* | 1,936* | 2,098* | 2,355* | 2,572* | 2,850* | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 4,056* | 4,439* | Italy | 12,600* | 14,074* | Saar | 338* | 331* |
| Canada | 5,724* | 5,696* | Luxembourg | 196* | *N.A.** | Turkey | 1,512* | 1,740* |
| Denmark | 1,068* | 1,385* | Netherlands | 1,366* | 1,600* | UK | 11,856* | 12,885* |
| France | 13,632* | 14,192* | Norway | 1,031* | 1,106* | West Germany | 19,392* | 22,849* |
| Greece | 1,361* | 1,420* | Portugal | 1,024* | 1,031* | | | |

[a] Data refer, as nearly as possible, to all types of hydraulic cements used for construction.
[b] Excluding for all years, Iceland, and for 1959, Luxembourg.



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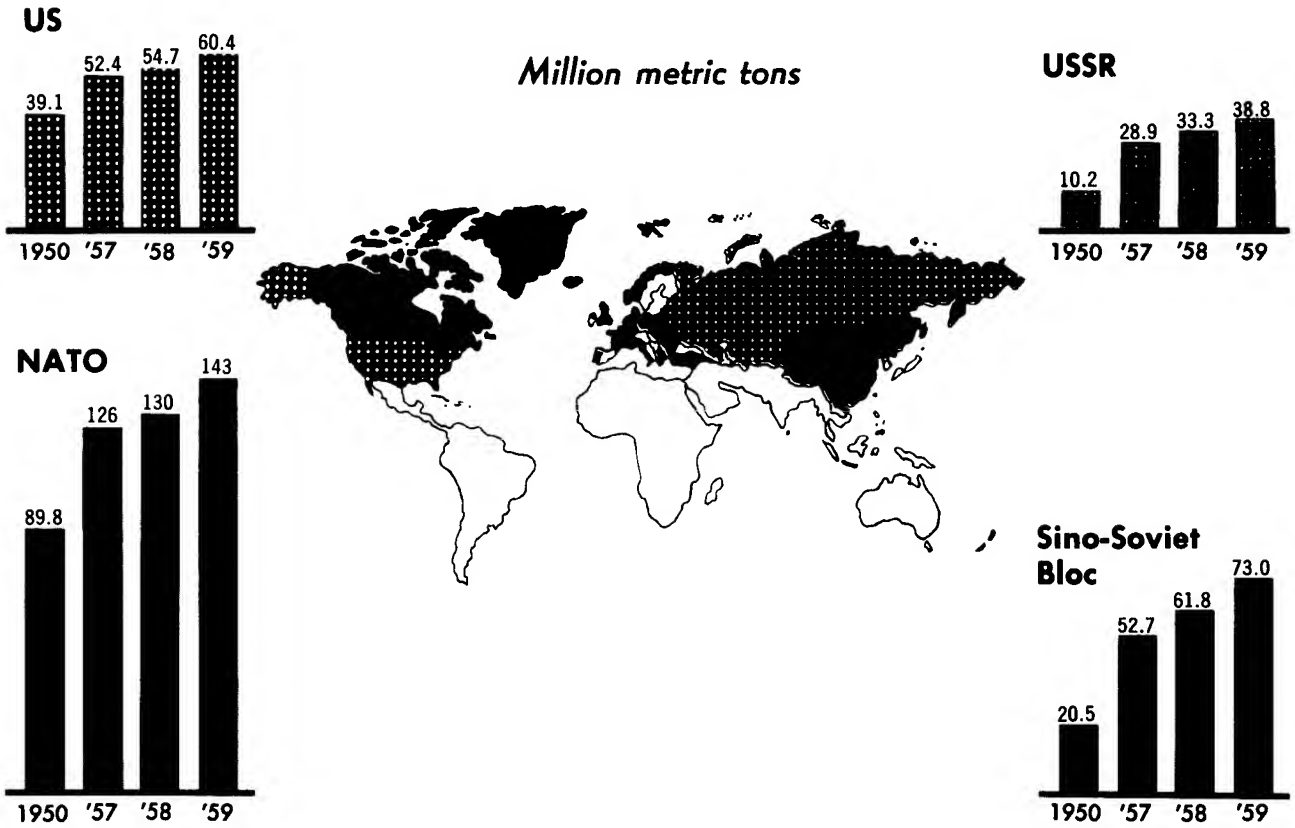
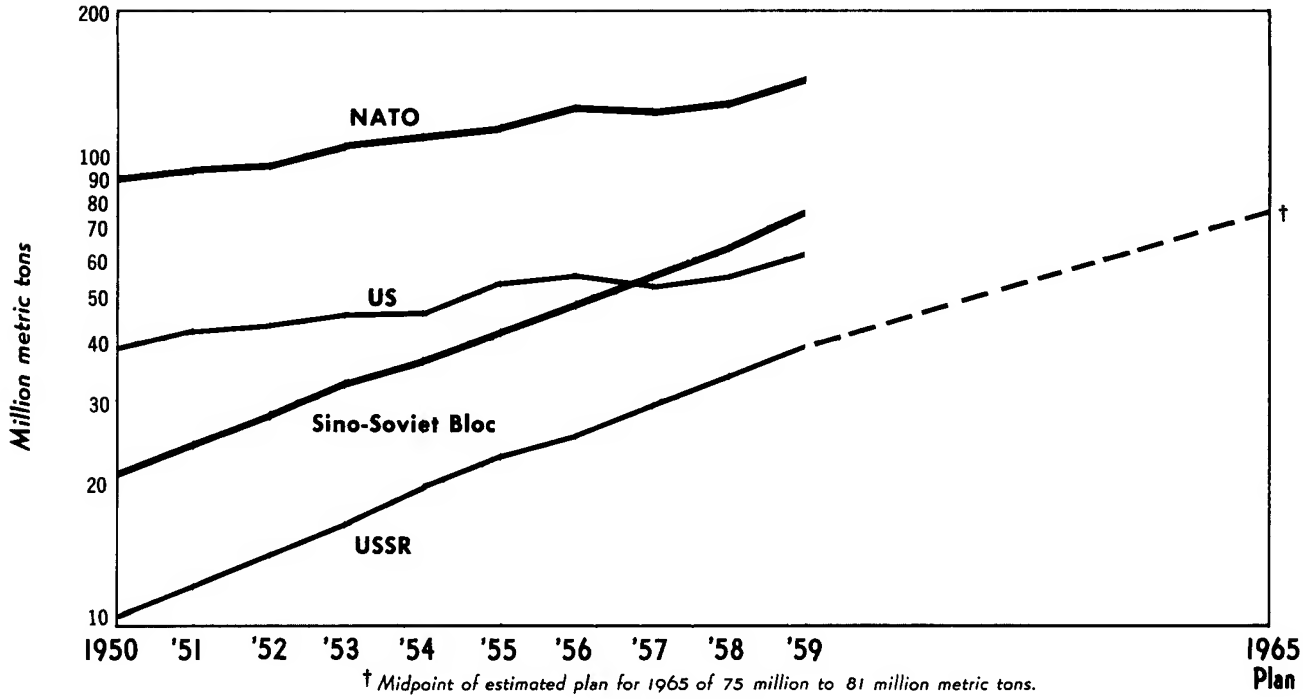
# COMPARISON OF PRODUCTION OF CEMENT IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN




† Midpoint of estimated plan for 1965 of 75 million to 81 million metric tons.

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Table 124
Production of Bricks
1950, 1955–59, and 1965 Plan

Million Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [a] | 22,400* | 29,300* | 29,400* | 28,000* | 26,100* | 28,300* | |
| US | 6,333* | 7,902* | 8,085* | 6,660* | 6,492* | 7,296* | |
| Sino-Soviet Bloc | 15,300* | 30,200* | 31,400* | 55,200* | 78,500* | N.A. | |
| USSR | 10,179* | 20,825* | 21,569* | 24,673* | 28,340* | 32,000* | |
| Communist China [b] | *N.A.* | *N.A.* | *N.A.* | 20,000* | 40,000* | *N.A.* | |
| North Korea | *N.A.* | 620* | 694* | 736* | *N.A.* | *N.A.* | |
| European Satellites | 5,090* | 8,780* | 9,150* | 9,760* | 10,200* | 11,400 | |
| Albania | 14* | 58* | 61* | 68* | 76* | 125* | |
| Bulgaria | 237* | 444* | 553* | 489* | 575* | 758* | |
| Czechoslovakia [c] | 865* | 1,668* | 1,826* | 2,007* | 2,196* | 2,323* | 3,430* |
| East Germany | 1,356* | 1,963* | 1,954* | 2,148* | 2,187* | 2,347* | |
| Hungary [d] | 820* | 1,237* | 1,238* | 1,421* | 1,416* | 1,659* | |
| Poland | 1,426* | 2,740* | 2,786* | 2,936* | 3,000* | 3,412* | 5,300* |
| Rumania | 371* | 668* | 736* | 690* | 755* | 820 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 2,210* | 2,148* | Netherlands | 1,517* | 1,536* | UK [g] | 6,440* | 6,972* |
| Canada [e] | 541* | 545* | Norway | 85* | *N.A.** | West Germany | 5,409* | 6,120* |
| Italy [f] | 3,344* | 3,580* | Saar | 71* | 63* | | | |

[a] Excluding for all years, France, Iceland, Portugal, and Turkey; for 1958–59, Denmark and Greece; for 1955–59, Luxembourg; and for 1959 only, Norway.

[b] Claimed brick production in Communist China probably includes all brick produced, the major share of which comes from kiln installations of a native type. Other data probably include production from modern or semimodern installations.

[c] Data for 1955–59 and the plan for 1965 include solid, hollow, and unbaked bricks.

[d] Data are expressed in small-brick units. Data for 1950 and 1955–57 include lime-sand brick. Data exclude production of the construction industry.

[e] Producer sales.

[f] Including roofing tile.

[g] Including engineering bricks and bricks made from concrete, shale, and sand-lime. Excluding Northern Ireland.



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Table 125
Number of Radiobroadcasting Transmitters [a]
1950 and 1955–59

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | 3,550* | 4,290* | 4,590* | 4,920* | N.A.* | N.A.* |
| US | 2,908* | 3,364* | 3,538* | 3,717* | 3,889* | 4,115* |
| Sino-Soviet Bloc | 381 | 453 | 495 | 556 | 606 | 645 |
| USSR | 162 | 190 | 220 | 256 | 292 | 328 |
| Communist China | 127 | 133 | 140 | 147 | 155* | 158 |
| North Korea | 11 | 9* | 9 | 9 | 9 | 9 |
| European Satellites | 81 | 121 | 126 | 144 | 150 | 150 |
| Albania | 5 | 7 | 8* | 8* | 8 | 8* |
| Bulgaria | 5* | 6* | 7* | 7* | 8* | 8 |
| Czechoslovakia | 21* | 31* | 31* | 33 | 33 | 33 |
| East Germany | 13 | 32 | 34 | 35 | 36 | 36 |
| Hungary | 8 | 8 | 9* | 9 | 13 | 13 |
| Poland | 22 [c] | 22 | 21 | 36 | 36 | 36 |
| Rumania | 7* | 15* | 16* | 16 | 16 | 16 |

NATO Countries

| Country | 1956 | 1957 | Country | 1956 | 1957 | Country | 1956 | 1957 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 12* | 12* | Italy | 274* | 390* | Portugal | 33* | 34* |
| Canada | 249* | 258* | Luxembourg | 3* | 3* | Turkey | 5* | N.A.* |
| Denmark | 19* | 19* | Netherlands | 8* | 9* | UK | 60* | 62* |
| France [d] | 45* | 50* | Norway | 31* | 34* | West Germany | 294* | 308* |
| Greece | 18* | 18* | | | | | | |

[a] Including frequency-modulated (FM) and amplitude-modulated (AM) types. Data in some cases may refer to operating radiobroadcasting stations. There may be more than one transmitter per station.
[b] Totals for 1956–57 include data for 1955 for Iceland, and the total for 1957 includes data for 1956 for Turkey.
[c] 1949.
[d] Including Algeria.

Table 126
Number of Amplitude Modulated (AM) Radiobroadcasting Transmitters [a]
in the US and the Sino-Soviet Bloc
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| US | 2,232* | 2,824* | 3,008* | 3,180* | 3,318* | 3,450* | |
| Sino-Soviet Bloc | 378 | 437 | 458 | 488 | 507 | 520 | |
| USSR | 160 | 185 | 196 | 206 | 216 | 226 | 286 |
| Communist China | 127 | 133 | 140 | 147 | 155* | 158 | |
| North Korea [b] | 11 | 9* | 9 | 9 | 9 | 9 | |
| European Satellites | 80 | 110 | 113 | 126 | 127 | 127 | |
| Albania | 5 | 7 | 8* | 8* | 8 | 8* | |
| Bulgaria | 5* | 6* | 7* | 7* | 8* | 8 | |
| Czechoslovakia | 21* | 31* | 31* | 32 | 32 | 32 | |
| East Germany | 12 | 21 | 21 | 21 | 21 | 21 | |
| Hungary | 8 | 8 | 9* | 9 | 11 | 11 | |
| Poland | 22 [c] | 22 | 21 | 33 | 33 | 33 | |
| Rumania | 7* | 15* | 16* | 16 | 14 | 14 | |

[a] Data in some cases may refer to operating radiobroadcasting stations. There may be more than one transmitter per station.
[b] Including AM and FM radiobroadcasting transmitters.
[c] 1949.



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Table 127
Number of Radio Receivers in Public Use [a]
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | **136,000*** | **194,000*** | **209,000*** | **218,000*** | **226,000*** | **227,000*** | |
| US | 98,000* | 135,000* | 143,500* | 149,000* | 155,000* | 155,000* | |
| Sino-Soviet Bloc | **10,800** | **21,200** | **24,100** | **27,000** | **29,800** | **32,500** | |
| USSR | 1,767* | 6,097* | 7,380* | 8,300* | 9,600* | 10,768 | 27,720* |
| Communist China | 1,000 | 1,690 | 1,890 | 2,800 | 3,300 | 3,800 | |
| North Korea | 100 | 81 | 104 | 110 | 110 | 124 | |
| North Vietnam | *N.A.* | *N.A.* | 230* | 300 | 300 | 335 | |
| European Satellites | **7,930*** | **13,300*** | **14,500*** | **15,500*** | **16,500** | **17,500** | |
| Albania | 9* | 20* | 20* | 24* | 28 | 33* | |
| Bulgaria | 201* | 327* | 399* | 492* | 588* | 674 | |
| Czechoslovakia | 2,420* | 2,839* | 2,915* | 2,971* | 3,055* | 3,127 | |
| East Germany | 3,490* | 5,009* | 5,218* | 5,306* | 5,378* | 5,501 | |
| Hungary | 618* | 1,432* | 1,587* | 1,774* | 1,945 | 2,116 | |
| Poland | 892* | 3,057* | 3,625* | 4,005* | 4,465* | 4,934 | |
| Rumania | 300* | 654* | 768* | 885* | 1,003* | 1,119 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | *N.A.** | 2,409* | Iceland | 62* | 70* | Portugal | 636* | 996* |
| Denmark | 1,822* | 1,714* | Italy | 7,541* | 7,851* | Turkey | *N.A.** | 1,208* |
| France | 11,259* | 11,484* | Luxembourg | 91* | *N.A.** | UK [c] | 16,219* | 15,584* |
| Greece | 765* | 846* | Netherlands | 2,537* | 2,715* | West Germany | 15,228* | 16,050* |
| | | | Norway | 1,250* | 1,250* | | | |

[a] Excluding wired loudspeaker receiving units.

[b] Including for 1950, data for 1949 for Belgium, Denmark, Luxembourg, and Portugal. The total for 1958 includes data for 1957 for Belgium, Canada, and Turkey, and the total for 1959 includes data for 1957 for Canada and data for 1958 for Luxembourg. Data refer to the estimated number of radio receivers in use in all countries (except the UK) in 1956–59 and in Canada and the US in all available years. Otherwise, data refer to the number of licenses issued. Data for the UK for all years refer to licenses for combined sound and television sets.

[c] Licenses for combined sound and television sets.



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Table 128
Number of Wired Loudspeakers in Public Use [a]
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | N.A.* | 1,740* | 1,750* | 1,710* | 1,840* | 1,830* | |
| Sino-Soviet Bloc | 10,400 | 22,400 | 25,500 | 28,800 | 32,600 | 37,000 | |
| USSR | 9,685* | 19,544* | 22,191* | 24,800* | 27,100* | 29,619 | 36,000* |
| Communist China | 96 | 438 | 510 | 980* | 2,320* | 3,660 | |
| North Korea | *N.A.* | 29 | 43 | 63* | 108 | 488* | |
| European Satellites | 613 | 2,430 | 2,790 | 2,950 | 3,070 | 3,270 | |
| Albania | 0 | 7 | 8 | 13 | 18 | 22 | |
| Bulgaria | 26* | 300* | 355* | 406* | 471* | 551* | |
| Czechoslovakia | 0 | 35* | 98* | 180* | 262* | 337 | |
| Hungary | 2* | 259* | 264* | 264* | 266 | 269 | |
| Poland | 572 | 1,319* | 1,509* | 1,471* | 1,427* | 1,427 | 1,600* |
| Rumania | 13* | 510* | 557* | 615* | 630 | 660 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | *N.A.** | 135* | UK | 1,042* | 1,048* | West Germany | 134* | 159* |
| Netherlands | 531* | 490* | | | | | | |

[a] As distinct from radio receivers, wired loudspeakers are connected to government-controlled distribution (wire-diffusion) centers. These centers receive normal radiobroadcasts and retransmit them to loudspeakers by wire or cable. Program reception on wired loudspeakers is thereby restricted to those radiobroadcasts sponsored by the government.

[b] Including for all years, the Netherlands and the UK; for 1955–57 and 1959, Belgium; and for 1958–59, West Germany. The total for 1958 includes data for 1957 for Belgium. Data refer to the number of licenses issued for wired loudspeakers. The date of information varies during the stated year.



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Table 129
Number of Television Broadcasting Stations [a]
1950, 1955–59, and 1965 Plan

Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO [b] | N.A.* | 581* | 663* | 820* | 1,030* | 1,240* | |
| US | 107* | 482* | 511* | 521* | 546* | 570* | |
| Sino-Soviet Bloc [c] | 2 | 25 | 37 | 58 | 91 | 110 | |
| USSR | 2* | 12* | 20* | 37* | 60* | 70* | 160* |
| Communist China | 0 | 0 | 0 | 1* | 3* | 3 | |
| European Satellites | 0 | 13 | 17 | 20 | 28 | 37 | |
| Bulgaria | 0 | 0 | 1 | 1 | 1 | 1 | |
| Czechoslovakia | 0 | 2* | 3* | 3 | 7 | 9 | |
| East Germany | 0 | 8* | 9* | 9 | 11 | 12 | |
| Hungary | 0 | 1 | 1 | 1 | 1 | 2 | |
| Poland | 0 | 1* | 2* | 5 | 7 | 11 | |
| Rumania | 0 | 1 | 1 | 1 | 1 | 2 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 5* | 5* | Italy [f] | 252* | 343* | Portugal | 5* | 5* |
| Canada [d] | 59* | 62* | Luxembourg | 1* | 1* | Turkey | 1* | 1* |
| Denmark | 6* | 8* | Netherlands | 6* | 6* | UK | 27* | 34* |
| France [e] | 32* | 52* | Norway | 1* | 1* | West Germany | 91* | 152* |

[a] Unless otherwise indicated, data refer to stations broadcasting to the public and in some cases represent the number of stations and/or transmitters.
[b] There are no stations in Greece and Iceland. There were no stations in Portugal until 1956.
[c] Data for the Sino-Soviet Bloc include major stations only and exclude relay stations and local amateur stations.
[d] Data are as of midyear.
[e] Including Algeria.
[f] Including television relay stations.



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Table 130
Number of Television Receivers in Public Use
1950, 1955–59, and 1965 Plan

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|---|
| NATO[a] | N.A.* | 47,000* | 53,000* | 60,000* | 66,800* | 72,600* | |
| US | 10,600* | 39,000* | 42,200* | 46,100* | 49,800* | 52,000* | |
| Sino-Soviet Bloc | 10 | 869 | 1,480 | 2,160 | 3,270 | 4,790 | |
| USSR | 10* | 823* | 1,324* | 1,800* | 2,500* | 3,475 | 15,000* |
| Communist China | 0 | 0 | 0 | 0 | *Negl.* | 5 | |
| European Satellites | 0 | 46.3 | 153 | 364 | 767 | 1,310 | |
| Bulgaria | 0 | 0 | *Negl.* | 1 | 1 | 3 | |
| Czechoslovakia | 0 | 32* | 76* | 173* | 328* | 493 | |
| East Germany | 0* | 14* | 71* | 160* | 318* | 503 | |
| Hungary | 0 | *Negl.* | 1 | 2 | 24 | 50 | 450* |
| Poland | 0* | *Negl.* | 6* | 22* | 85* | 238* | 1,700* |
| Rumania | 0 | *Negl.* | *Negl.* | 8 | 12 | 20 | |

NATO Countries

| Country | 1958 | 1959 | Country | 1958 | 1959 | Country | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 300* | 350* | Luxembourg | 4* | 4* | Turkey | 1* | 1* |
| Denmark | 200* | 359* | Netherlands | 370* | 594* | UK | 9,314* | 10,000* |
| France | 1,000* | 1,400* | Norway | 1* | 6* | West Germany | 2,000* | 3,500* |
| Italy | 1,070* | 1,666* | Portugal | 20* | 35* | | | |

[a] Excluding for all years, Greece and Iceland, and for 1950, Portugal. Totals for 1958–59 include data for 1957 for Canada.



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Table 131
Number of Telephone Subscribers [a]
1950 and 1955–59

Thousand Units

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO | 60,300* | 80,800* | 86,600* | 91,500* | 96,200* | N.A.* |
| US | 43,004* | 56,243* | 60,190* | 63,621* | 66,645* | *N.A.** |
| Sino-Soviet Bloc | 3,010 | 4,270 | 4,600 | 4,960 | 5,350 | 5,820 |
| USSR [b] | 1,410* | 1,932* | 2,067* | 2,205* | 2,370* | 2,600 |
| Communist China | 230 | 399 | 460 | 551 | 629* | 718 |
| North Korea | 15 | 17* | 19* | 22* | 24 | 30* |
| European Satellites | 1,350 | 1,920 | 2,060 | 2,190 | 2,330 | 2,470 |
| Albania | 1 | 3 | 4 | 5 | 7 | 8 |
| Bulgaria | 78* | 112* | 120* | 128* | 140* | 144 |
| Czechoslovakia | 451* | 662* | 703* | 743* | 790* | 833 |
| East Germany | 357* | 481* | 506* | 534* | 553* | 577 |
| Hungary | 110* | 183* | 192* | 206* | 220 | 234 |
| Poland | 253 | 338* | 378 | 406* | 446* | 492* |
| Rumania | 103* | 145* | 155* | 164* | 174* | 184 |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 987* | 1,036* | Iceland | 33* | 36* | Portugal | 305* | 332* |
| Canada | 4,816* | 5,122* | Italy | 2,871* | 3,182* | Turkey | 204* | 239* |
| Denmark | 951* | 979* | Luxembourg | 38* | 42* | UK [d] | 7,355* | 7,525* |
| France | 3,499* | 3,704* | Netherlands | 1,318* | 1,402* | West Germany | 4,732* | 5,090* |
| Greece | 154* | 169* | Norway [c] | 646* | 672* | | | |

[a] Unless otherwise indicated, estimates are for the end of the year. Data for the Sino-Soviet Bloc refer to telephone subscribers, including both private and civil government (other than military) users. Data for NATO refer to telephones in use, including both public and private telephones that can be connected to a central exchange. The number of subscribers is less than the number of telephones in the same country, but no reliable ratio between the two can be supplied.

[b] Including telephones in booths.

[c] Data are as of midyear.

[d] Data are as of 31 March of the stated year.



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Table 132
Number of Long-Distance Telephone Calls [a]
1950 and 1955–59

Million Calls

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| NATO [b] | N.A.* | 4,920* | 5,750* | 5,840* | 6,130* | N.A.* |
| US | 2,114.8* | 2,475.0* | 3,080.0* | 2,975.0* | 3,040.0* | N.A.* |
| Sino-Soviet Bloc | 365 | 573 | 601 | 624 | 667 | 708 |
| USSR | 103.0* | 135.0* | 143.0* | 152.0* | 163.0* | 172.0* |
| Communist China | 15.6 | 54.9 | 61.9 | 70.9 | 84.3 | 100.2 |
| North Korea | 3.5 | 7.7 | 7.8* | 8.2* | 9.8 | 11.4 |
| European Satellites | 243* | 375* | 389* | 393* | 410 | 425 |
| Albania [c] | 0.6* | 1.1* | 1.2* | 1.3* | 1.4 | 1.5 |
| Bulgaria | 18.7* | 29.9* | 27.9* | 27.3* | 27.8* | 28.3 |
| Czechoslovakia | 51.5* | 71.6* | 75.5* | 78.7* | 84.0* | 88.1 |
| East Germany [d] | 88.6* | 115.4* | 119.3* | 126.3* | 132.7* | 138.5 |
| Hungary | 13.9* | 25.2* | 24.9* | 24.7* | 24.9 | 25.1 |
| Poland | 47.0* | 97.0* | 101.5* | 94.4* | 95.3* | 96.2 |
| Rumania | 22.7* | 34.9* | 38.4* | 40.6* | 43.9* | 46.9 |

NATO Countries

| Country | 1957 | 1958 | Country | 1957 | 1958 | Country | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| Belgium | 96.4* | 103.5* | Iceland | 1.8* | 1.9* | Portugal | 53.2* | 57.3* |
| Canada | 178.6* | 194.2* | Italy [c] | 310.2* | 359.6* | Turkey | 10.4* | N.A.* |
| Denmark | 196.5* | 209.0* | Netherlands | 328.0* | 361.2* | UK | 330.0* | 343.0* |
| Greece | 7.3* | 8.5* | Norway | 57.5* | 57.2* | West Germany | 724.1* | 812.6* |

[a] Domestic interurban telephone calls generally. Some references to calls, however, also include international telephone calls.
[b] Excluding Luxembourg. Totals for 1957–58 include data for 1956 for France, and the total for 1958 includes data for 1957 for Turkey.
[c] Probably including local and interurban telephone calls.
[d] Including both regular long-distance telephone calls and urgent or fast service long-distance calls.
[e] Three-minute units.

Table 133
Number of Telegrams Sent Over the Domestic Public System in the US and the Sino-Soviet Bloc [a]
1950 and 1955–59

Million Telegrams

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| US | 178.9* | 153.9* | 151.6* | 143.9* | 131.9* | N.A.* |
| Sino-Soviet Bloc | 207 | 266 | 272 | 296 | 293 | 304 |
| USSR | 154.0* | 203.0* | 206.0* | 227.0* | 223.0* | 230.0* |
| Communist China [b] | 11.4 | 17.2 | 18.8 | 20.3 | 22.5 | 24.9 |
| North Korea | 1.4 [c] | 0.8 | 0.8* | 0.9* | 1.0 | 1.1 |
| European Satellites | 39.8* | 44.8* | 46.7* | 47.5* | 46.9 | 47.8 |
| Albania | 0.9* | 0.9* | 0.8* | 0.8* | 0.8 | 0.8 |
| Bulgaria | 6.8* | 6.1* | 6.1* | 6.0* | 6.2* | 6.4 |
| Czechoslovakia | 8.2* | 9.7* | 10.0* | 10.1* | 10.1* | 10.2 |
| East Germany | 9.8* | 7.6* | 8.0* | 8.6* | 8.6* | 8.9 |
| Hungary | 3.4* | 5.7* | 6.2* | 6.2* | 6.4 | 6.7 |
| Poland [b] | 7.2* | 10.3* | 10.8* | 10.9* | 10.1* | 10.1 |
| Rumania | 3.5* | 4.5* | 4.8* | 4.8* | 4.7* | 4.7 |

[a] Data for the most part refer to all types of domestic telegrams sent, excluding international telegrams and cablegrams.
[b] Data include domestic and international telegrams.
[c] 1948.



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Table 134
Number of Domestic Subscribers in the Subscriber Telegraph (TELEX) Network [a] in the US and the Sino-Soviet Bloc
1955–59 and 1965 Plan

Units

| Country | 1955 | 1956 | 1957 | 1958 | 1959 | 1965 Plan |
|---|---|---|---|---|---|---|
| US [b] | 39,959* | 42,496* | 44,752* | 47,293* | 50,788* | |
| Sino-Soviet Bloc | N.A. | N.A. | 5,630 | 7,300 | 10,900 | |
| USSR | 1,000 | 1,400 | 2,200* | 3,000 | 6,000 | 60,000* |
| European Satellites | N.A. | N.A. | 3,430 | 4,300 | 4,910 | |
| Bulgaria | 0 | 0 | 0 | 15* | 15 | |
| Czechoslovakia | *N.A.* | *N.A.* | 1,000 | 1,300 | 1,351* | |
| East Germany | 1,284* | 1,394* | 1,777* | 2,272* | 2,767 | |
| Hungary | 279* | 282* | 327* | 358 | 389 | |
| Poland | 270* | 300 | 330 | 360 | 390 | |

[a] The subscriber telegraph network service is a two-way service in which a subscriber is provided with a teletype machine connected to a switchboard of a local subscriber telegraph exchange.
[b] In the US, domestic subscriber telegraph service is known as TWX rather than TELEX.

Table 135
Number of Letters Sent [a] in the Domestic Public System in the US and the Sino-Soviet Bloc
1950 and 1955–59

Million Letters

| Country | 1950 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|
| US [b] | 44,646* | 54,722* | 55,907* | 58,519* | 59,595* | *N.A.** |
| Sino-Soviet Bloc | 7,000* | 9,410 | 10,100 | 10,600* | 11,200 | 11,800 |
| USSR | 2,607* | 3,778* | 3,896* | 3,888* | 3,985* | 4,104* |
| Communist China | 608* | 806 | 1,252 | 1,440* | 1,628 | 1,816 |
| North Korea | 44* [c] | 40 | 45* | 50* | 56 | 61 |
| European Satellites | 3,740* | 4,790* | 4,950* | 5,220* | 5,530 | 5,810 |
| Albania | 7* | 9* | 8* | 9* | 9 | 10 |
| Bulgaria | 167* | 185* | 156* | 155* | 159* | 159 |
| Czechoslovakia | 1,036* | 1,320* | 1,380* | 1,419* | 1,510* | 1,573 |
| East Germany | 1,142* | 1,282* | 1,281* | 1,343* | 1,372* | 1,402 |
| Hungary | 395* | 469* | 430* | 404* | 404 | 404 |
| Poland | 845* | 1,312* | 1,463* | 1,656* | 1,828 | 2,000 |
| Rumania | 146* | 214* | 228* | 234* | 248* | 259 |

[a] Data refer to letters (airmail, ordinary mail, and registered), postcards, printed matter, business papers, small merchandise samples, small packets, and phonopost packets and include mail carried without a charge but, unless otherwise indicated, exclude ordinary packages and letters with a declared value.
[b] Data are as of 30 June of the stated year.
[c] 1949.



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Table 136
Trade Turnover of the Sino-Soviet Bloc, by Country
1950 and 1956–59

Million Current US $

| Country | 1950 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|
| USSR | 3,251* | 7,225* | 8,319* | 8,647* | 10,500* |
| Communist China | 1,215* | 3,135* | 3,060* | 3,765* | 4,125 [a] |
| North Korea | 182* [b] | 140* | 215* | *N.A.* | *N.A.* |
| North Vietnam | *N.A.* | 113* | 198* | 187* | 228* |
| Albania | 28* | 58* | 82* | 108* | 121* |
| Bulgaria | 252* | 588* | 703* | 741* | *N.A.* |
| Czechoslovakia | 1,353* | 2,573* | 2,745* | 2,871* | *N.A.* |
| East Germany | 876* | 2,741* | 3,426* | 3,570* | 4,136* |
| Hungary | 644* | 961* | 1,170* | 1,309* | 1,556* |
| Poland | 1,302* | 2,006* | 2,226* | 2,286* | 2,565* |
| Rumania | 405* | 662* | 700* | 800* | *N.A.* |

[a] Estimated data.
[b] Data for 1949, because 1950 was a war year.

Table 137
Trade Within the Sino-Soviet Bloc
1957–59

Million Current US $

| Country | Imports | | | Exports | | | Total Trade | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1957 | 1958 | 1959 | 1957 | 1958 | 1959 | 1957 | 1958 | 1959 |
| USSR | 2,769* | 3,191* | *N.A.* | 3,231* | 3,085* | *N.A.* | 6,000* | 6,276* | 7,800* |
| Communist China | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 1,925* | 2,350* | 2,900 [a] |
| North Korea | 111* | *N.A.* | *N.A.* | 97* | *N.A.* | *N.A.* | 208* | *N.A.* | *N.A.* |
| North Vietnam | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 176 [a] | 174 [a] | *N.A.* |
| Albania | 50* | 76* | *N.A.* | 28* | 28* | *N.A.* | 78* | 104* | *N.A.* |
| Bulgaria | *N.A.* | 310* | *N.A.* | *N.A.* | 318* | *N.A.* | 584* | 629* | *N.A.* |
| Czechoslovakia | 966* | 942* | *N.A.* | 866* | 1,040* | *N.A.* | 1,832* | 1,982* | *N.A.* |
| East Germany | 1,150* | 1,167* | *N.A.* | 1,351* | 1,425* | *N.A.* | 2,501* | 2,592* | *N.A.* |
| Hungary | 486* | 436* | *N.A.* | 308* | 451* | *N.A.* | 795* | 886* | *N.A.* |
| Poland | 760* | 686* | *N.A.* | 559* | 586* | *N.A.* | 1,319* | 1,271* | *N.A.* |
| Rumania | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 525* | 600* | *N.A.* |

[a] Estimated data.



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Table 138
Trade of the Sino-Soviet Bloc with the Free World, by Country
1957–59

Million Current US $

| Country | Imports from the Free World | | | Exports to the Free World | | | Total Trade with the Free World | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1957 | 1958 | 1959 | 1957 | 1958 | 1959 | 1957 | 1958 | 1959 |
| USSR | 1,169* | 1,158* | *N.A.* | 1,150* | 1,212* | *N.A.* | 2,319* | 2,371* | 2,700* |
| Communist China | 535* | 697* | 720[a] | 519* | 649* | 505[a] | 1,054* | 1,347* | 1,225[a] |
| North Korea | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 7* | *N.A.* | *N.A.* |
| North Vietnam | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 24[a] | 12[a] | *N.A.* |
| Albania | 3* | 2* | *N.A.* | 1* | 2* | *N.A.* | 4* | 4* | *N.A.* |
| Bulgaria | *N.A.* | 56* | *N.A.* | *N.A.* | 56* | *N.A.* | 119* | 112* | *N.A.* |
| Czechoslovakia | 421* | 415* | *N.A.* | 492* | 473* | *N.A.* | 913* | 888* | *N.A.* |
| East Germany | 465* | 512* | *N.A.* | 460* | 464* | *N.A.* | 925* | 977* | *N.A.* |
| Hungary | 196* | 194* | *N.A.* | 180* | 229* | *N.A.* | 376* | 423* | *N.A.* |
| Poland | 492* | 541* | *N.A.* | 416* | 474* | *N.A.* | 907* | 1,015* | *N.A.* |
| Rumania | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | *N.A.* | 175* | 200* | *N.A.* |

[a] Estimated data.



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Table 139
Trade of the Sino-Soviet Bloc with the Free World, by Area of the Free World
1950, 1955, and 1957–58

Thousand Current US $

| Reporting Areas | Imports (f.o.b.[a])[b] 1950 | 1955 | 1957 | 1958 | Exports (c.i.f.[c])[b] 1950 | 1955 | 1957 | 1958 |
|---|---|---|---|---|---|---|---|---|
| | | | | USSR | | | | |
| Total reporting areas | 301,098* | 601,648* | 994,276* | 1,001,237* | 252,101* | 635,606* | 1,023,905* | 1,016,538* |
| US | 752* | 252* | 4,481* | 3,422* | 38,300* | 17,139* | 16,780* | 17,558* |
| Canada | 168* | 2,716* | 11,491* | 19,495* | 104* | 642* | 2,934* | 1,740* |
| OEEC[d] countries | 120,280* | 270,155* | 449,603* | 473,367* | 154,627* | 435,270* | 612,619* | 577,857* |
| Other European countries | 64,802* | 155,852* | 211,878* | 170,675* | 23,676* | 101,411* | 226,319* | 190,954* |
| Near East and Africa | 33,364* | 70,633* | 172,120* | 152,010* | 27,821* | 29,101* | 90,486* | 129,457* |
| Far East | 54,521* | 22,889* | 79,590* | 132,684* | 6,315* | 10,597* | 69,347* | 77,261* |
| Oceania | 26,121* | 6,408* | 7,579* | 1,933* | 1,216* | 2,188* | 715* | 1,601* |
| Latin America | 1,090* | 72,743* | 57,534* | 47,651* | 42* | 39,258* | 4,705* | 20,110* |
| | | | | Communist China | | | | |
| Total reporting areas | 452,128* | 317,263* | 521,731* | 767,457* | 534,695* | 487,090* | 622,622* | 749,210* |
| US | 46,548* | 3* | 9* | 5* | 146,496* | 195* | 109* | 142* |
| Canada | 1,896* | 1,030* | 1,461* | 8,083* | 4,884* | 3,162* | 5,529* | 5,542* |
| OEEC countries | 56,869* | 99,031* | 225,813* | 452,193* | 94,848* | 128,352* | 136,521* | 183,199* |
| Other European countries | 395* | 12,455* | 10,373* | 13,205* | 265* | 4,128* | 13,385* | 5,662* |
| Near East and Africa | 3,543* | 27,028* | 59,904* | 55,045* | 15,566* | 26,438* | 46,079* | 59,088* |
| Far East | 331,832* | 165,038* | 198,086* | 196,538* | 266,807* | 317,909* | 412,819* | 484,086* |
| Oceania | 1,897* | 6,761* | 22,162* | 29,905* | 5,251* | 5,177* | 6,697* | 9,473* |
| Latin America | 9,148* | 5,917* | 3,923* | 12,483* | 578* | 1,729* | 1,483* | 2,018* |
| | | | | European Satellites | | | | |
| Total reporting areas | 791,600* | 1,158,058* | 1,564,959* | 1,636,380* | 939,758* | 1,283,650* | 1,509,262* | 1,685,541* |
| US | 25,949* | 6,791* | 81,773* | 109,152* | 42,285* | 38,666* | 44,551* | 46,125* |
| Canada | 3,717* | 7,996* | 19,838* | 3,744* | 5,946* | 4,223* | 7,586* | 9,260* |
| OEEC countries | 583,395* | 770,892* | 997,067* | 1,003,209* | 688,010* | 825,170* | 970,945* | 1,065,005* |
| Other European countries | 16,265* | 70,205* | 129,692* | 146,223* | 46,637* | 135,608* | 189,265* | 202,752* |
| Near East and Africa | 29,664* | 89,159* | 143,231* | 153,993* | 65,200* | 94,145* | 159,865* | 216,698* |
| Far East | 28,388* | 67,635* | 61,884* | 67,006* | 26,906* | 57,032* | 65,412* | 53,166* |
| Oceania | 42,801* | 44,680* | 68,159* | 53,156* | 15,598* | 8,780* | 9,525* | 9,841* |
| Latin America | 61,421* | 100,700* | 63,315* | 99,897* | 49,176* | 120,026* | 62,113* | 82,694* |



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Table 139 (*Continued*)

Thousand Current US $

| Reporting Areas | Imports (f.o.b.[a])[b] | | | | Exports (c.i.f.[c])[b] | | | |
|---|---|---|---|---|---|---|---|---|
| | 1950 | 1955 | 1957 | 1958 | 1950 | 1955 | 1957 | 1958 |
| | Sino-Soviet Bloc[e] | | | | | | | |
| Total reporting areas | 1,544,826* | 2,076,994* | 3,087,283* | 3,413,501* | 1,726,554* | 2,416,179* | 3,176,912* | 3,469,278* |
| US | 73,249* | 7,046* | 86,263* | 112,579* | 227,081* | 65,656* | 65,625* | 68,267* |
| Canada | 5,781* | 11,742* | 32,790* | 31,322* | 10,934* | 8,027* | 16,049* | 16,542* |
| OEEC countries | 760,544* | 1,140,097* | 1,672,544* | 1,928,890* | 937,485* | 1,388,926* | 1,720,283* | 1,826,656* |
| Other European countries | 81,462* | 238,512* | 351,943* | 330,103* | 70,578* | 241,147* | 428,969* | 399,368* |
| Near East and Africa | 66,571* | 186,820* | 375,432* | 361,048* | 108,587* | 149,684* | 296,441* | 405,244* |
| Far East | 414,741* | 255,562* | 345,639* | 404,534* | 300,028* | 385,581* | 564,307* | 627,454* |
| Oceania | 70,819* | 57,855* | 97,900* | 84,994* | 22,065* | 16,145* | 16,937* | 20,925* |
| Latin America | 71,659* | 179,360* | 124,772* | 160,031* | 49,796* | 161,013* | 68,301* | 104,822* |

[a] Free on board.
[b] Unadjusted.
[c] Cost, insurance, and freight.
[d] Organization for European Economic Cooperation.
[e] Although the totals for the Sino-Soviet Bloc include North Korea, North Vietnam, and Mongolia, data on trade with these countries are not shown for individual reporting areas.



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Table 140
Foreign Exchange Rates for Sino-Soviet Bloc Currencies
1959

| Country | Unit of Measure | Commercial Rate [a] (In Terms of US $1) | Noncommercial Rate [b] (In Terms of 1 Ruble [c]) | Noncommercial Rate [d] (In Terms of US $1) |
|---|---|---|---|---|
| USSR | Ruble [c] | 4.00* | | 10.00* |
| Communist China | Yuan | 2.50* [e] / 4.00* | 0.1670* | 2.50* [f] |
| North Korea | Won | 1.57* [g] | 0.1745* | 1.57* [g] |
| North Vietnam | Dong | 4.00* [h] | 0.3080* | 4.00* [h] |
| Albania | Lek | 50.00* | 10.0000* | *N.A.* |
| Bulgaria | Lev | 6.80* | 0.8900* | 9.52* |
| Czechoslovakia | Koruna | 7.17* | 1.1600* | 14.34* |
| East Germany | Mark | 2.22* [i] | 0.3876* | 4.20* |
| Hungary | Forint | 11.74* | 1.4000* | 23.48* |
| Poland | Zloty | 4.00* | 1.5000* | 24.00* |
| Rumania | Leu | 6.00* | 0.9700* | 12.00* |

[a] Official rate unless otherwise indicated. Usually the official rate is a result of the legal definition of the currency in terms of gold and may not represent internal purchasing power. This rate, however, is usually reliable for converting trade statistics.

[b] An intra-Bloc series of rates that probably represent internal purchasing power for travelers and embassy personnel.

[c] As part of the Soviet price and currency reform that is to take place in early 1961, the gold content of the ruble is to be increased by an as-yet-unspecified amount so that the official ruble exchange rate will be revised upward at that time.

[d] Tourist rates for Free World currencies. These series of rates are inconsistent with the intra-Bloc series.

[e] Generally accepted conversion rates, with the rate of 2.5 being used in Free World trade and the rate of 4.0 in Bloc trade. As official rates have never been announced by Communist China, these conversion rates have been estimated and therefore only represent approximations to actual rates.

[f] An approximate rate. Actual rates vary depending on the transaction involved and the currency being traded. Actual rates also appear to change from time to time.

[g] A bank rate. North Korea has not announced an official relationship between the won and Free World currencies. This rate probably is used for noncommercial transactions.

[h] An unofficial rate that has been announced in the North Vietnam press as the relationship of North Vietnamese currency to dollars. This rate probably applies also to noncommercial transactions.

[i] Beginning in 1959, the exchange rate of 4.2 Deutsche Mark East to US $1 has been employed in quoting commercial trade totals. No announcement has been made, however, concerning a change in the official commercial rate of exchange.



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Table 141
Construction of Naval Vessels [a] in the Sino-Soviet Bloc
1950–59

Thousand Standard Displacement Tons

| Country | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sino-Soviet Bloc | 162 | 151 | 129 | 155 | 195 | 205 | 170 | 99.0 | 61.7 | 62.5 |
| USSR | 161 | 150 | 124 | 149 | 188 | 196 | 153 | 80.0 | 42.0 | 45.3 |
| Communist China | 0.20 | 0.30 | 1.50 | 3.00 | 3.00 | 5.00 | 13.0 | 15.0 | 14.0 | 15.0 |
| European Satellites | 0.42 | 1.15 | 3.05 | 2.80 | 3.68 | 3.72 | 3.96 | 4.01 | 5.71 | 2.20 |
| East Germany | 0.42 | 1.15 | 3.05 | 2.80 | 3.68 | 3.72 | 3.96 | 2.31 | 2.96 | *Negl.* |
| Poland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.70 | 2.75 | 2.20 |

[a] Including major and minor combatant types but excluding naval auxiliaries.

Table 142
Inventory of Naval Vessels, by Type, as of January 1960 [a]

Units

| Country | Surface Ships | | | | | | Submarines |
|---|---|---|---|---|---|---|---|
| | Aircraft Carriers | Battle-ships | Cruisers | Destroyers | Patrol Vessels | Mine Vessels | |
| NATO [b] | 42 | 14 | 70 | 560 | 804 | 944 | 274 |
| US [b] | 25 | 10 | 49 | 368 | 339 | 222 | 171 |
| Sino-Soviet Bloc | 0 | 0 | 25 | 145 | 1,730 | 699 | 456 |
| USSR | 0 | 0 | 25 | 129 | 1,301 | 528 | 421 |
| Communist China | 0 | 0 | 0 | 4 | 223 | 27 | 23 |
| North Korea | 0 | 0 | 0 | 0 | 37 | 22 | 0 |
| North Vietnam | 0 | 0 | 0 | 0 | 9 | 4 | 0 |
| European Satellites | 0 | 0 | 0 | 12 | 160 | 118 | 12 |
| Albania | 0 | 0 | 0 | 0 | 18 | 5 | 0 |
| Bulgaria | 0 | 0 | 0 | 1 | 29 | 19 | 5 |
| East Germany | 0 | 0 | 0 | 0 | 39 | 59 | 0 |
| Poland | 0 | 0 | 0 | 4 | 49 | 18 | 7 |
| Rumania | 0 | 0 | 0 | 7 | 25 | 17 | 0 |

[a] Data for the US are as of 29 February 1960.
[b] Including active and reserve fleets.



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Table 143
Production of Aircraft, by Type *
1958–59

Units

| Country | Bombers 1958 | Bombers 1959 | Fighters 1958 | Fighters 1959 | Transports 1958 | Transports 1959 | Others 1958 | Others 1959 |
|---|---|---|---|---|---|---|---|---|
| NATO | 806 | 652 | 2,238 | 1,390 | 901 | 870 | 9,450 | 10,591 |
| US | 639 | 517 | 1,385 | 947 | 560 | 578 | 8,226 | 9,318 |
| Belgium | 0 | 0 | 67 | 4 | 0 | 0 | 0 | 0 |
| Canada | 44 | 38 | 285 | 7 | 60 | 38 | 161 | 173 |
| France | 19 | 35 | 139 | 116 | 42 | 45 | 422 | 406 |
| Italy | 0 | 0 | 33 | 24 | 6 | 16 | 0 | 0 |
| Netherlands | 0 | 0 | 103 | 10 | 5 | 26 | 6 | 2 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 24 |
| UK | 104 | 62 | 226 | 282 | 217 | 113 | 276 | 243 |
| West Germany | 0 | 0 | 0 | 0 | 11 | 54 | 220 | 324 |
| Sino-Soviet Bloc | 350 | 54 | 735 | 959 | 663 | 576 | 3,030 | 2,725 |
| USSR | 350 | 54 | 264 | 419 | 524 | 402 | 2,146 | 1,787 |
| Communist China | 0 | 0 | 104 | 194 | 47 | 94 | 0 | 8 |
| European Satellites | 0 | 0 | 367 | 346 | 92 | 80 | 884 | 930 |
| Czechoslovakia | 0 | 0 | 8 | 1 | 56 | 56 | 623 | 641 |
| East Germany | 0 | 0 | 0 | 0 | 36 | 24 | 0 | 0 |
| Hungary | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 36 |
| Poland | 0 | 0 | 359 | 345 | 0 | 0 | 213 | 238 |
| Rumania | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 15 |

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Table 144
Production of Tanks and Assault Guns in the Sino-Soviet Bloc, by Type *
1958–59

Units

| Country | Amphibious Tanks 1958 | Amphibious Tanks 1959 | Medium Tanks 1958 | Medium Tanks 1959 | Heavy Tanks 1958 | Heavy Tanks 1959 | Medium Assault Guns 1958 | Medium Assault Guns 1959 | Heavy Assault Guns 1958 | Heavy Assault Guns 1959 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sino-Soviet Bloc | 575 | 1,400 | 4,900 | 4,900 | 800 | 800 | 800 | 800 | 300 | 200 |
| USSR | 575 | 1,400 | 4,000 | 4,000 | 800 | 800 | 800 | 800 | 300 | 200 |
| European Satellites | 0 | 0 | 900 | 900 | 0 | 0 | 0 | 0 | 0 | 0 |
| Czechoslovakia | 0 | 0 | 600 | 600 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poland | 0 | 0 | 300 | 300 | 0 | 0 | 0 | 0 | 0 | 0 |

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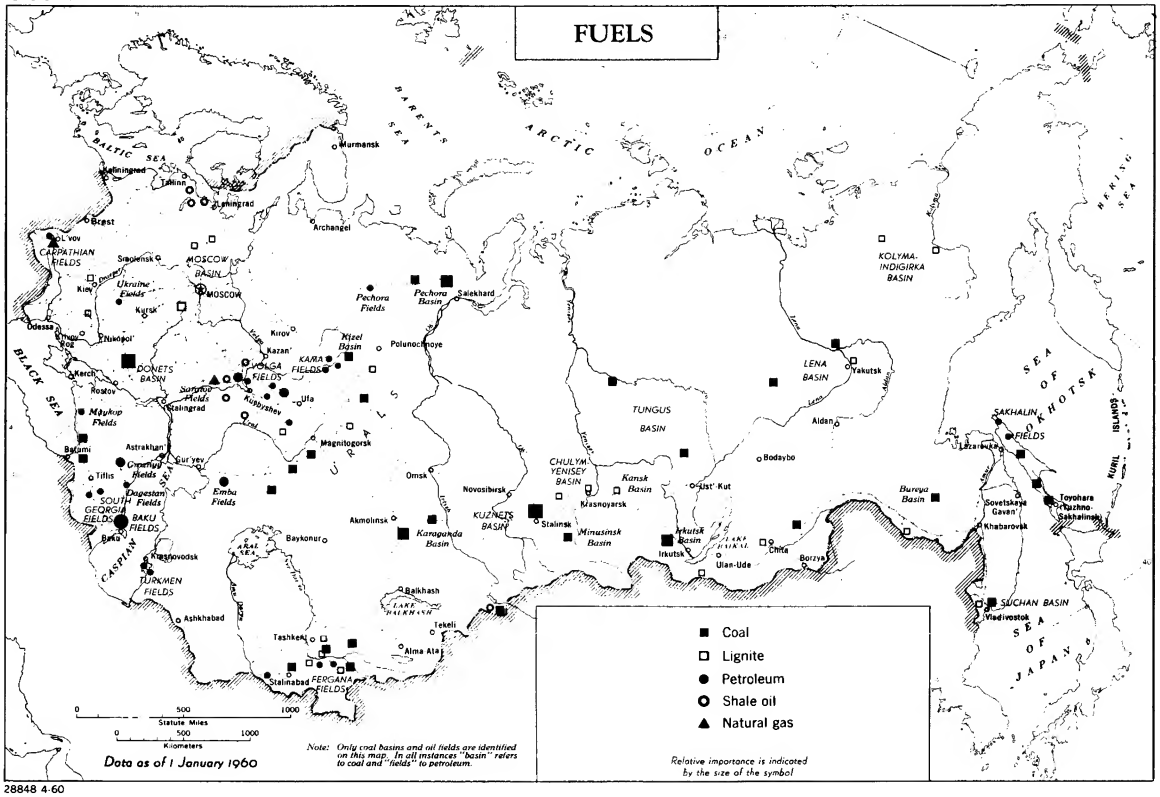


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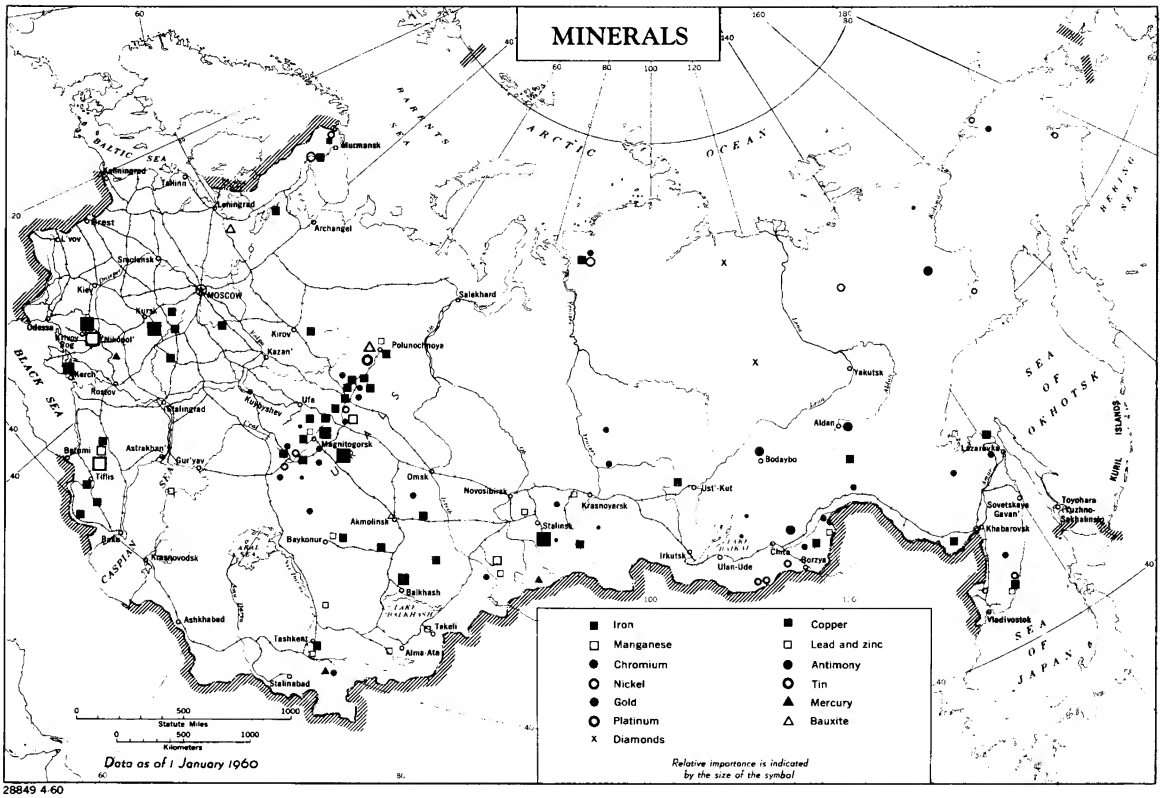


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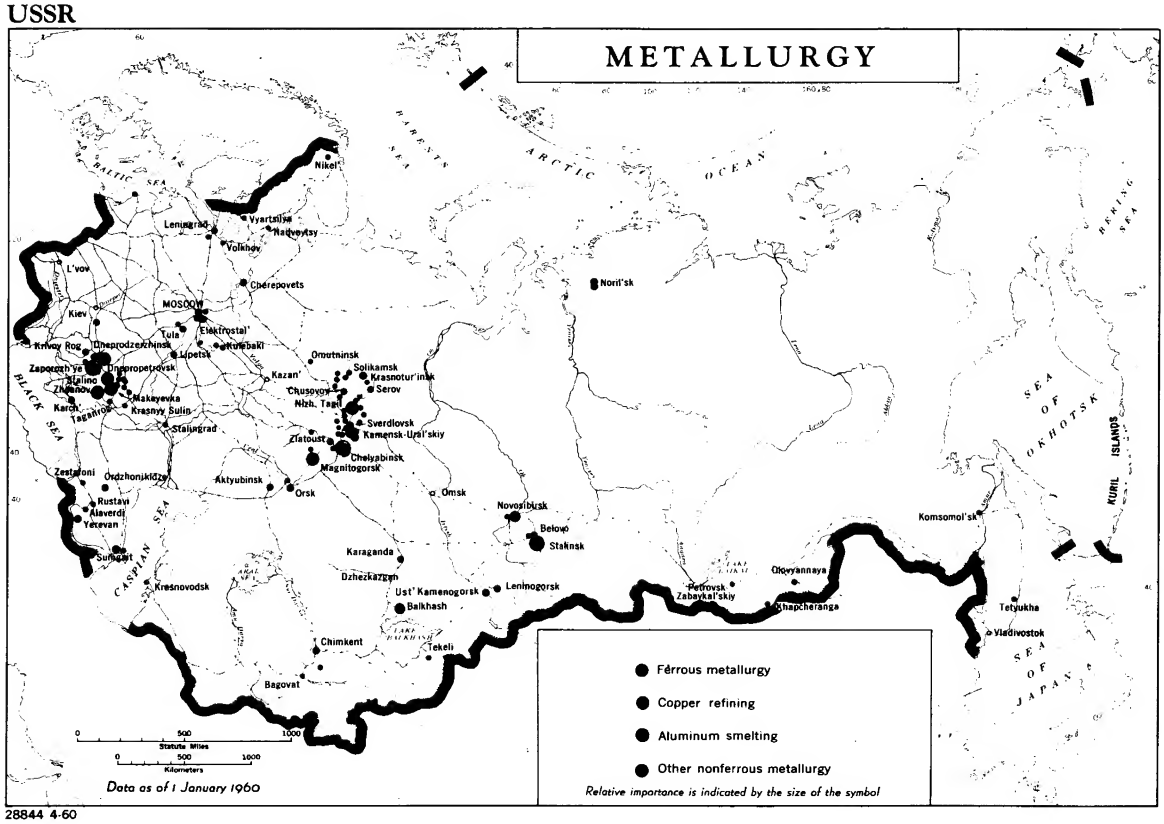


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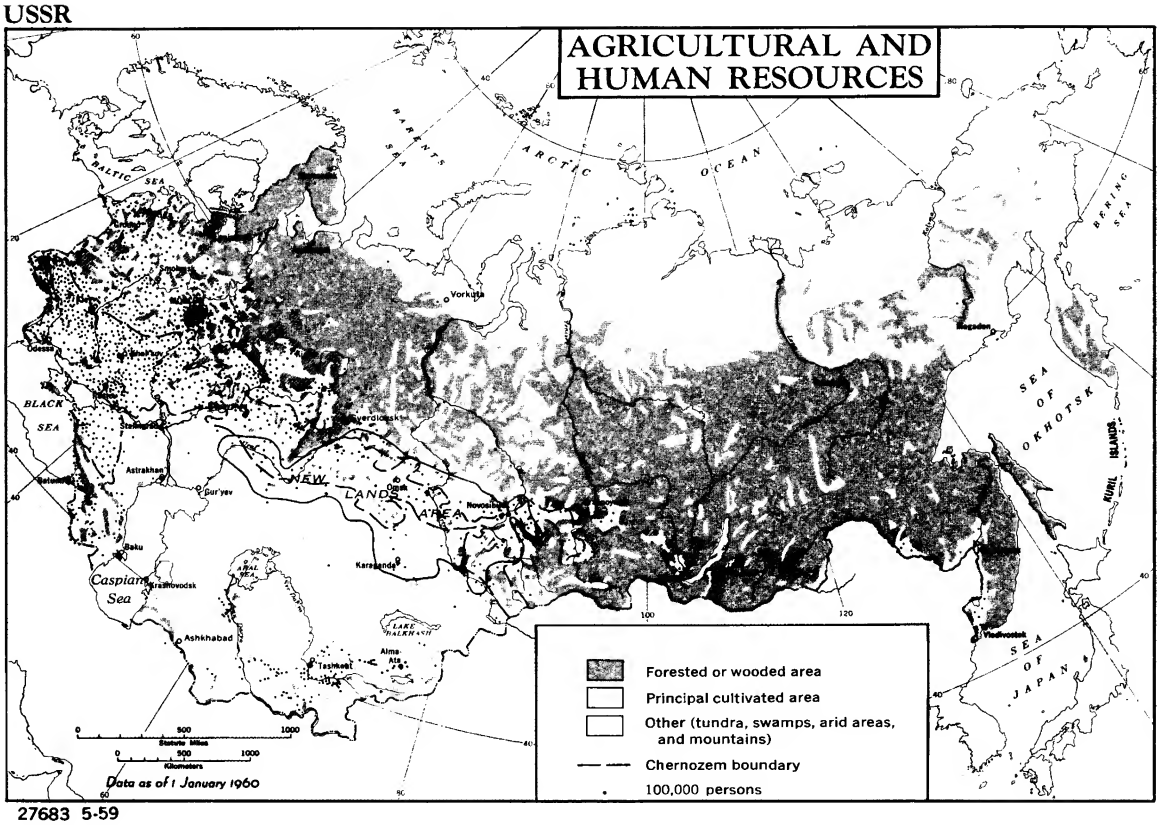


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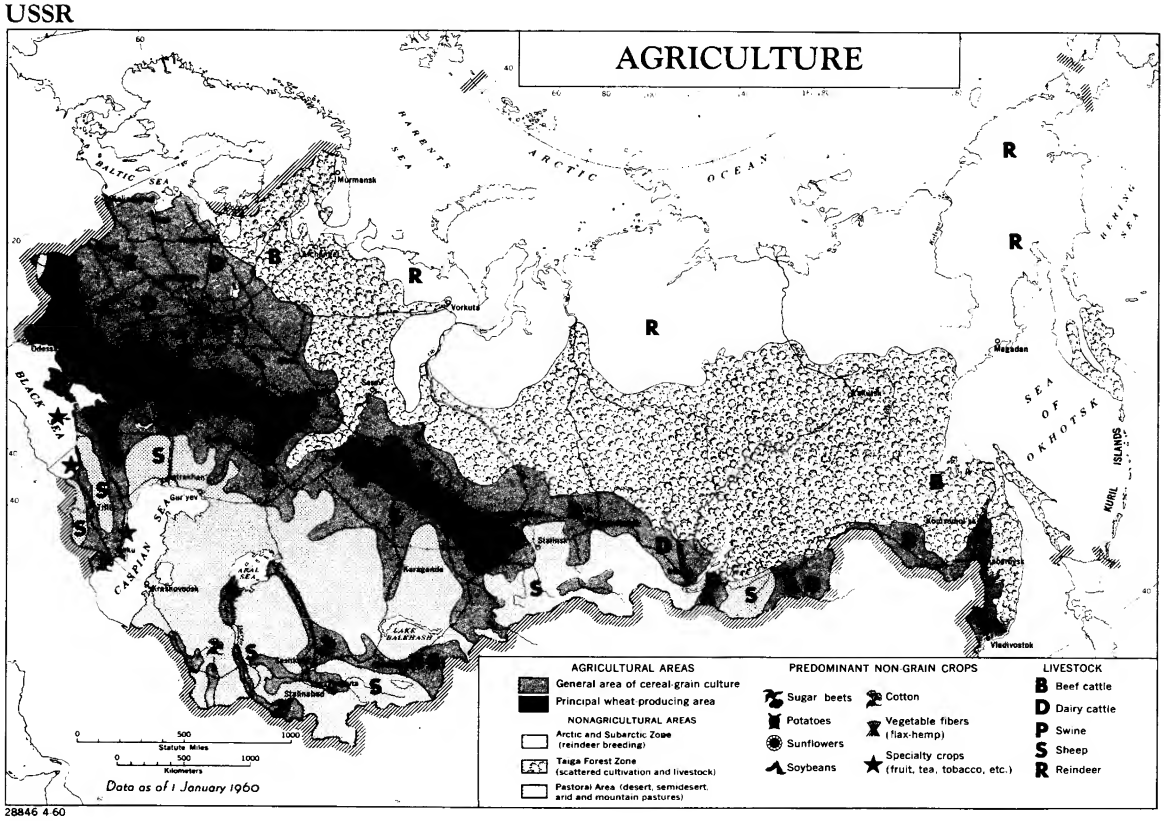


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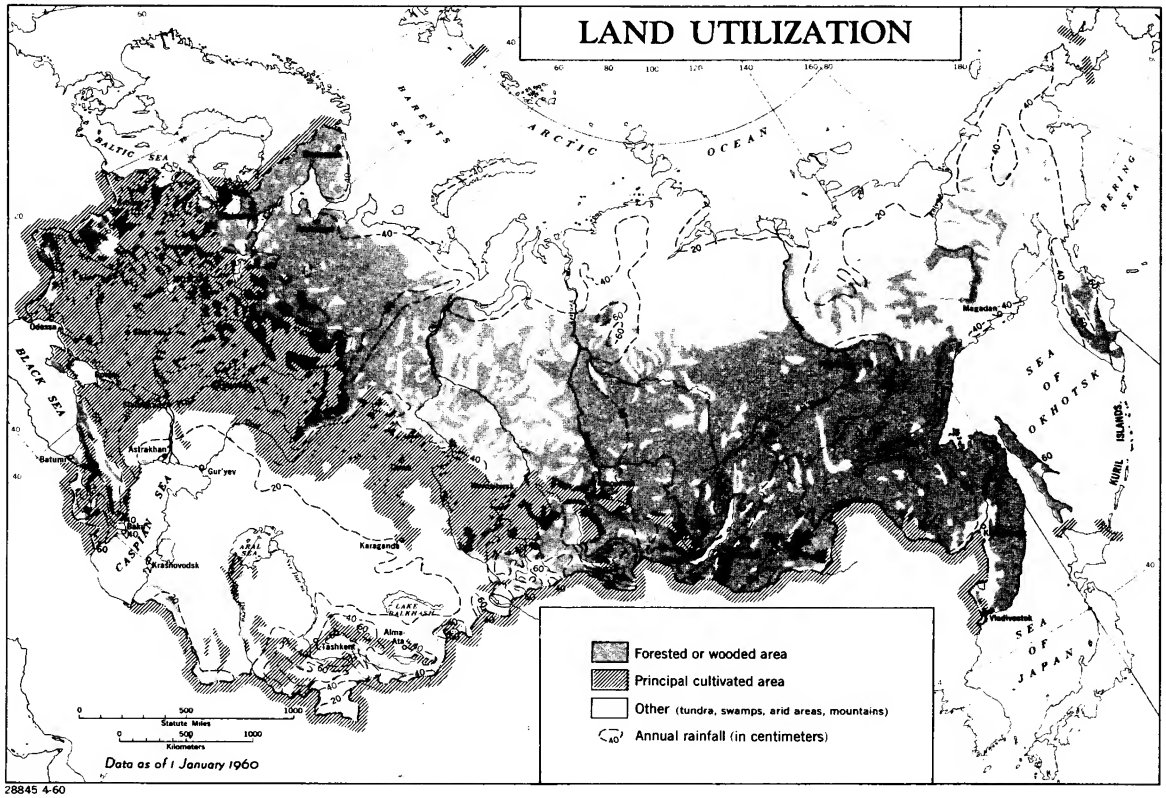


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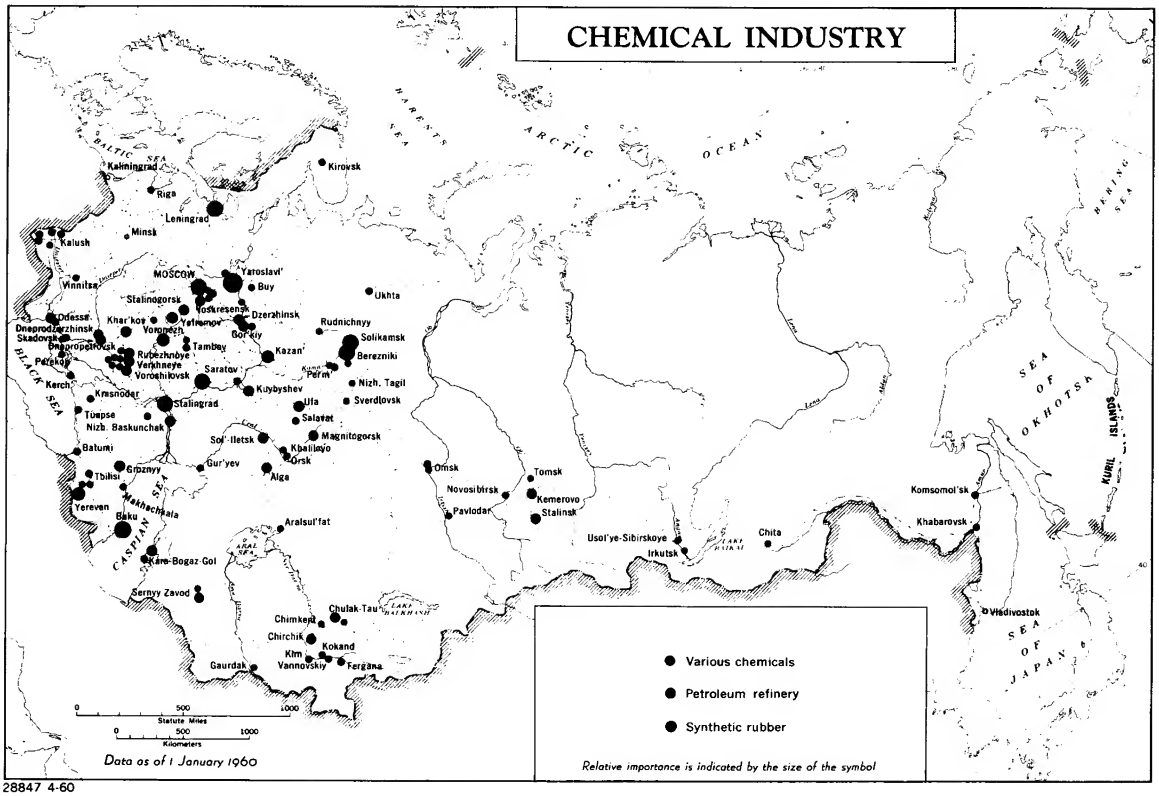


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